**ENVIRONMENTAL AUDIT, INC.** ®

1000-A Ortega Way, Placentia, CA 92870-7162

714/632-8521 FAX: 714/632-6754

30th ANNIVERSARY
email: smechem@envaudit.com

August 24, 2009

EAI Project No. 1576

Ann Lin
California Regional Water Quality Control Board
Los Angeles Region
320 W. 4th Street, Suite 200
Los Angeles, CA 90013

**SUBJECT: WELL INSTALLATION (MW-3 AND MW-4), AND THIRD QUARTER
2009 GROUND WATER MONITORING REPORT
11630 - 11700 Burke Street, Santa Fe Springs, CA 90670
(RWQCB SCP Case No. 1238)**

Dear Ms. Lin:

Enclosed herewith for your review is the Environmental Audit, Inc., report for the above-referenced real property entitled "*Well Installation (MW-3 and MW-4), and Third Quarter 2009 Ground Water Monitoring Report*," dated August 24, 2009.

Please call me at (714) 632-8521, ext. 224 if you have any questions.

Sincerely,

ENVIRONMENTAL AUDIT, INC.

Brent H. Mecham, RG, REA II
Project Manager

BHM:ss

enclosure

cc: Larry Patsouras (w/enclosures)
Tom Hall, SFSFD (w/enclosures)

BHM 1576 TRANS Site Assessment Report-09Aug



ENVIRONMENTAL AUDIT, INC.®

1000-A Ortega Way, Placentia, CA 92870-7162
714/632-8521 FAX: 714/632-6754

30th ANNIVERSARY
email: smechem@envaudit.com

September 4, 2009

EAI Project No. 1576

Ann Lin
California Regional Water Quality Control Board
Los Angeles Region
320 W. 4th Street, Suite 200
Los Angeles, CA 90013

**SUBJECT: ADDENDUM TO WELL INSTALLATION (MW-3 AND MW-4),
AND THIRD QUARTER 2009
GROUND WATER MONITORING REPORT
11630 - 11700 Burke Street, Santa Fe Springs, CA 90670
(RWQCB SCP Case No. 1238)**

Dear Ms. Lin:

On August 24, 2009, Environmental Audit, Inc. (EAI) submitted a report to the Los Angeles Regional Water Quality Control Board (RWQCB) entitled "*Well Installation (MW-3 and MW-4), and Third Quarter 2009 Ground Water Monitoring Report.*" In an email dated September 2, 2009 the RWQCB requested additional information pertaining to the site. This addendum was prepared in response to that request.

SITE SPECIFIC HYDROGEOLOGY

The site is located in the City of Santa Fe Springs where interbedded sands, silts and clays commonly result in perched water tables. Wells MW-1 and MW-2 were installed in the shallow zone perched water table. However, well MW-1 rapidly went dry. When wells MW-3 and MW-4 were installed in 2009, the perched water table was not encountered. These data indicate that the perched water table is present only in well MW-2 which is located on the up gradient portion of the property along Burke Street. This portion of the property is used only for the parking of automobiles. Ground water flow direction in the area is generally from northeast toward the southwest. Therefore, any contaminants in the ground water in well MW-2 must be migrating onsite from an offsite source.

In the area of the release, sand, silty sand, and silt are present down to a depth of approximately 42 feet below grade surface (bgs). At a depth of approximately 42 feet bgs a clay layer is present. All borings in this area (MW-1, MW-3, E-7, E-14, and E-17) that have penetrated a depth of 42 feet bgs or greater have encountered a clay layer at approximately 42 feet bgs (see Attachment A). This indicates that a barrier is present in the area of the release

that would preclude further downward migration of contaminants that might impact the regional water table in this area which is located at a depth of approximately 70 feet bgs.

ADD SAMPLE 4 TO FIGURE 9

See Attachment B.

HEAVY END PETROLEUM HYDROCARBONS IN E-9

Residual hydrocarbon impacted soil has been removed in the area of E-9 down to a depth of approximately 20 feet bgs. Soil samples from boring E-9 were analyzed for TRPH and VOCs. Additionally, sample number E-9 @ 15-16' was analyzed for carbon chain range breakdown. The carbon chain breakdown indicates that this release consists of heavy end hydrocarbons with carbon chains generally at C-19 or greater (see Attachment C). The only volatile organic compound detected in soil in boring E-9 was PCE. However, the PCE concentration was below the Los Angeles RWQCB Soil Screening Levels Guidance for VOC-Impacted Sites (March 1996) and Petroleum-Impacted Sites (May 1996).

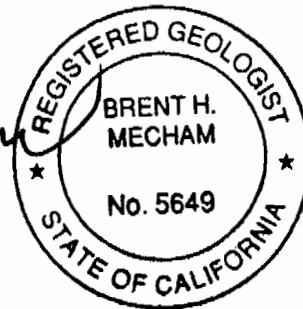
Please call me at (714) 632-8521, ext. 224 if you have any questions.

Sincerely,

ENVIRONMENTAL AUDIT, INC.



Brent H. Mecham, RG, REA II
Project Manager



BHM:pe

enclosure

cc: Larry Patsouras (w/enclosures)
Tom Hall, SFSFD (w/enclosures)

BHM:1576:1576L0991

ATTACHMENT A

Boring Logs

LITHOLOGIC BORING LOG

Page 1 of 2

CLIENT: Larry Patsouras	EAI PROJECT NO.: 1576	DRILL HOLE: MW-1
SITE LOCATION: 11700 Burke Street, Santa Fe Springs, CA 90670		
DRILLING CO: ABC Liovin Drilling	TYPE OF RIG: CME 75	
DRILLING METHOD/EQUIPMENT: Hollow Stem Auger	DRIVE WEIGHT: 140 lbs. at 30"	
HOLE DIAMETER: 8 inches	REFERENCE OR DATUM: Ground Surface	
START DATE: October 3, 1995	COMPLETION DATE: October 3, 1995	
LOGGED BY: SAB	APPROVED BY: EHL RCE NO. 24274	

DEPTH INTERVAL IN FEET	BLOW COUNTS PER 0.5 FEET	TIME	TLV SOIL VAPOR READING (ppm)	UNIFIED SOIL CLASS SYSTEM	DESCRIPTION
0-0.3"					ASPHALT
4-5.5'	9/15/18	08:25	95	CL	SILTY CLAY, reddish brown, moist, slight hydrocarbon odor.
9-10.5'	3/7/6	08:30	110	CL	SILTY CLAY, reddish brown, moist. no hydrocarbon odor.
14-15.5'	5/10/15	08:35	25	SP	SAND, tan, fine to medium, moist, slight hydrocarbon odor.
19-20.5'	6/25/19	08:40	98	SP	SAND, tan, fine to medium, moist, no hydrocarbon odor.
24-25.5'	18/30/50	08:45	95	SP	SAND, tan, coarse, some gravel, moist, no hydrocarbon odor.
29-30.5'	23/31/47	08:50	110	SP	SAND, reddish brown, coarse, some gravel, moist, no hydrocarbon odor.
34-35.5'	20/36/37	08:55	110	CL	SILTY CLAY, reddish brown, moist, no hydrocarbon odor.
40-40.5'	7/31/50	09:05	110	SP	SAND, tan, coarse, some gravel, saturated, no hydrocarbon odor.
44-45.5'	6/9/11	09:10	95	CL	CLAY, brown, some fine sand, saturated, no hydrocarbon odor.

LITHOLOGIC BORING LOG

Page 2 of 2

CLIENT: Larry Patsouras	EAI PROJECT NO.: 1576	DRILL HOLE: MW-1
SITE LOCATION: 11700 Burke Street, Santa Fe Springs, CA 90670		
DRILLING CO: ABC Liovin Drilling	TYPE OF RIG: CME 75	
DRILLING METHOD/EQUIPMENT: Hollow Stem Auger	DRIVE WEIGHT: 140 lbs. at 30"	
HOLE DIAMETER: 8 inches	REFERENCE OR DATUM: Ground Surface	
START DATE: October 3, 1995	COMPLETION DATE: October 3, 1995	
LOGGED BY: SAB	APPROVED BY: EHL RCE NO. 24274	

DEPTH INTERVAL IN FEET	BLOW COUNTS PER 0.5 FEET	TIME	TLV SOIL VAPOR READING (ppm)	UNIFIED SOIL CLASS SYSTEM	DESCRIPTION
50-55'				SP	SAND, tan, fine, saturated, no hydrocarbon odor.

NOTES: GROUND WATER WAS ENCOUNTERED AT 40 FEET BGS.

THIS BORING WAS CONVERTED IN WELL MW-1 (SEE MW-1 WELL CONSTRUCTION DETAILS FOR SPECIFICS)

ABC STAFF: DAVE MOLANO (DRILLER), CHUCK PARRA AND RAMON SANCHEZ (HELPERS)

THIS BORING LOG REPRESENTS CONDITIONS ONLY AT TIME AND LOCATION INDICATED. SUBSURFACE CONDITIONS MAY DIFFER AT OTHER LOCATIONS AND TIMES.

BHM:WORD:1576-MW1

CLIENT: Patsouras Property PROJECT NO: 1576 DRILL HOLE: MW-3
 SITE LOCATION: 11630-11700 Burke Street, Santa Fe Springs, CA
 DRILLING COMPANY: Cascade Drilling TYPE OF RIG: CME-85
 DRILLING METHOD/EQUIPMENT: Hollow Stem Auger HOLE DIAMETER: 8"
 DRIVE WEIGHT/HEIGHT OF DROP: 140 # @ 30" REFERENCE OR DATUM: Surface
 START DATE: 6/30/2009 COMPLETION DATE: 6/30/2009

DEPTH IN FEET	GRAPHIC BORING LOG	SAMPLE SIZE AND LOCATION	BLOW COUNTS PER 0.5 FT	TIME	SOIL VAPOR READING, PPM	UNIFIED SOIL CLASSIFICATION SYSTEM	DESCRIPTION
0						ML	
5			8,10,11	8:00	0.0		4-5.5' SLIGHTLY SANDY CLAYEY SILT, rust, very fine sand, slightly moist, no odor
10			8,12,13	8:05	0.0	SM	9-10.5' SILTY SAND, reddish brown, fine sand, moist, no odor
15			9,11,11	8:10	0.0	SP	14-15.5' SAND, tan, fine sand, moist, no odor
20			9,14,14	8:20	0.0		19-20.5' SAND, tan, fine sand, moist, no odor
25			9,14,14	8:25	0.0		24-25.5' SAND, tan, fine sand, moist, no odor
30			10,12,14	8:30	0.0	ML	29-30.5' SLIGHTLY SANDY CLAYEY SILT, brown, very fine sand, moist, no odor
35			13,14,15	8:35	0.0		34-35.5' SLIGHTLY SANDY CLAYEY SILT, brown, very fine sand, moist, no odor
						SP	

NOTES:

LOGGED BY: BHM DATE: 6/30/2009 APPROVED BY: BHM RG#: 5649

Note: This boring log represents conditions only at time and location indicated.

Subsurface conditions may differ at other locations and times.

CLIENT: Patsouras Property PROJECT NO: 1576 DRILL HOLE: MW-3
 SITE LOCATION: 11630-11700 Burke Street, Santa Fe Springs, CA
 DRILLING COMPANY: Cascade Drilling TYPE OF RIG: CME-85
 DRILLING METHOD/EQUIPMENT: Hollow Stem Auger HOLE DIAMETER: 8"
 DRIVE WEIGHT/HEIGHT OF DROP: 140 # @ 30" REFERENCE OR DATUM: Surface
 START DATE: 6/30/2009 COMPLETION DATE: 6/30/2009

DEPTH IN FEET	GRAPHIC BORING LOG	SAMPLE SIZE AND LOCATION	BLOW COUNTS PER 0.5 FT	TIME	SOIL VAPOR READING, PPM	UNIFIED SOIL CLASSIFICATION SYSTEM	DESCRIPTION
40			10,12,12	8:40	0.0		39-40.5' SAND, tan, fine to medium sand, moist, no odor
						CL	
45			5,14,14	8:45	0.0		44-45.5' SLIGHTLY SANDY SILTY CLAY, brown, very fine sand, very moist, no odor
						ML	
50			12,14,16	8:50	0.0		49-50.5' SANDY CLAYEY SILT, rust, very fine sand, very moist, no odor
						SM	
55			12,14,17	8:55	0.0		54-55.5' VERY SILTY SAND, olive brown, fine sand, very moist, no odor
						SP	
60			10,14,16	9:00	0.0		59-60.5' SAND, tan, fine sand, very moist, no odor
65			11,12,14	9:05	0.0		64-65.5' SAND, tan, fine sand, saturated, no odor
70			8,10,12	9:10	0.0		69-70.5' SAND, tan, fine sand, saturated, no odor
75							

NOTES:

LOGGED BY: BHM DATE: 6/30/2009 APPROVED BY: BHM RG#: 5649

Note: This boring log represents conditions only at time and location indicated.
 Subsurface conditions may differ at other locations and times.

GRAPHIC GEOTECHNICAL BORING LOG

PAGE: 1 OF 2

CLIENT: Larry Patsouras PROJECT NO.: 1576 DRILL HOLE: E-7
 SITE LOCATION: 11630-11700 Burke Street, Santa Fe Springs, CA 90670
 DRILLING CO: Drill International TYPE OF RIG: Geoprobe w/250 4x4
 DRILLING METHOD/EQUIPMENT: Geoprobe GH-40 HOLE DIAMETER: 21.5"
 DRIVE WEIGHT/HEIGHT OF DROP: 22000 lbs/bl REFERENCE OR DATUM: Ground Level
 START DATE: 11/30/94 COMPLETION DATE: 11/30/94

DEPTH IN FEET	GRAPHIC BORING LOG	SAMPLE SIZE & LOCATION	BLOW COUNTS PER 0.5 FT	TIME IN HOURS	SOIL VAPOR READING, PPM	UNIFIED SOIL CLASSIFICATION SYSTEM U.S.C.S.	DESCRIPTION
In Following Order: LITHOLOGY, color, grain size, sorting, angularity, fossils, consistency, wetness							
0				0740	0.9	CL	0.3 0-0.3' ASPHALT 0.3-4' SILTY CLAY, dark brown, mottled black, moderately moist, compact.
5							4-6' SILTY CLAY, reddish brown, moderately moist, compact.
				0744	0.9	ML	6.0 6-12' SANDY SILT, reddish brown, fine sand, moderately moist, moderately dense.
10							12-15.5' SANDY SILT, reddish brown, fine sand, moderately moist, moderately dense.
15				0800	8	SP	15.5 15.5-16' SAND, whitish black, fine to medium, poorly graded, angular moderately moist, moderately dense. 16-24' SAND, whitish black, fine to medium, poorly graded, angular moderately moist, moderately dense.
20							
25				0830	2		24-28' SAND, whitish black, fine to medium, poorly graded, angular moderately moist, moderately dense.

Continued Next Page

NOTES:

Continous sampling using a macro core to a depth of 32 feet. TD Drilled 50 feet. TD sampled 50 feet.
 Ground water encountered at approximately 48 feet. No caving.



ENVIRONMENTAL AUDIT, INC.

NOTE: This Boring Log Represents Conditions Only at Time and Location Indicated. Subsurface Conditions May Differ at Other Locations and Times.

LOGGED BY: CPD DATE: 11/30/94 APPROVED BY: EHL RCE#: 24274

GRAPHIC GEOTECHNICAL BORING LOG

PAGE: 2 OF 2

CLIENT: Larry Patsouras PROJECT NO.: 1576 DRILL HOLE: E-7
 SITE LOCATION: 11630-11700 Burke Street, Santa Fe Springs, CA 90670
 DRILLING CO: Drill International TYPE OF RIG: Geoprobe w/250 4x4
 DRILLING METHOD/EQUIPMENT: Geoprobe GH-40 HOLE DIAMETER: 21.5"
 DRIVE WEIGHT/HEIGHT OF DROP: 22000 lbs/bl REFERENCE OR DATUM: Ground Level
 START DATE: 11/30/94 COMPLETION DATE: 11/30/94

DEPTH IN FEET	GRAPHIC BORING LOG	SAMPLE SIZE & LOCATION	BLOW COUNTS PER 0.5 FT	TIME IN HOURS	SOIL VAPOR READING, PPM	UNIFIED SOIL CLASSIFICATION SYSTEM U.S.C.S.	DESCRIPTION In Following Order: LITHOLOGY, color, grain size, sorting, angularity, fossils, consistency, wetness
30							28-30' SAND, whitish black, fine to medium, poorly graded, angular, moderately moist, moderately dense.
35							30-32' SAND, whitish brown, fine to medium, poorly graded, angular, rare gravel, high quartz content, moderately moist, loose.
				0920	2.4		32-38' SAND, whitish black, fine to medium, poorly graded, angular, moist, moderately dense.
40						SM	38-40' SILTY SAND, brown, fine, micaceous, moist, moderately compact.
				1000	6.8	ML	40-45' CLAYEY SILT, reddish brown, micaceous, moist, dense.
45						CL	45-50' SILTY CLAY, reddish brown, micaceous, saturated, compact, stiff.
50				1037	6.8		NOTE: Ground water rose in the borehole to 42-43' as observed on the drive rods.

NOTES:

Continous sampling using a macro core to a depth of 32 feet. TD Drilled 50 feet. TD sampled 50 feet.
 Ground water encountered at approximately 48 feet. No caving.



ENVIRONMENTAL AUDIT, INC.

NOTE: This Boring Log Represents Conditions Only at Time and Location Indicated. Subsurface Conditions May Differ at Other Locations and Times.

LOGGED BY: CPD DATE: 11/30/94 APPROVED BY: EHL RCE#: 24274

GRAPHIC GEOTECHNICAL BORING LOG

PAGE: 1 OF 2

CLIENT: Larry Patsouras PROJECT NO.: 1576 DRILL HOLE: E-14
 SITE LOCATION: 11630-11700 Burke Street, Santa Fe Springs, CA 90670
 DRILLING CO: Drill International TYPE OF RIG: Geoprobe w/250 4x4
 DRILLING METHOD/EQUIPMENT: Geoprobe GH-40 HOLE DIAMETER: 1.5"
 DRIVE WEIGHT/HEIGHT OF DROP: 22000 lbs/bl REFERENCE OR DATUM: Ground Level
 START DATE: 12/1/94 COMPLETION DATE: 12/1/94

DEPTH IN FEET	GRAPHIC BORING LOG	SAMPLE SIZE & LOCATION	BLOW COUNTS PER 0.5 FT	TIME IN HOURS	SOIL VAPOR READING, PPM	UNIFIED SOIL CLASSIFICATION SYSTEM U.S.C.S.	DESCRIPTION
In Following Order: LITHOLOGY, color, grain size, sorting, angularity, fossils, consistency, wetness							
0						CL	0-0.3' ASPHALT
5				0720	5.2		4-6' SILTY CLAY, reddish brown, moist, compact, slight odor.
10				0735	6.6	SP	9-11' SILTY CLAY, reddish brown, moist, compact, slight odor.
15				0745	5.0	SW	14-16' SAND, reddish brown, fine to medium, poorly graded, angular, moist, loose, slight odor.
20				0755	6.0		19-21' SAND, light brown, well graded, moist, loose, musty odor.
25				0810	5.7	SP	24-26' SAND, light brown, well graded, moist, loose, musty odor.

Continued Next Page

NOTES:

TD Drilled 46 feet. TD sampled 46 feet. No ground water encountered. No caving.



ENVIRONMENTAL AUDIT, INC.

NOTE: This Boring Log Represents Conditions Only at Time and Location Indicated. Subsurface Conditions May Differ at Other Locations and Times.

LOGGED BY: EHL DATE: 12/01/94 APPROVED BY: EHL RCE#: 24274

GRAPHIC GEOTECHNICAL BORING LOG

PAGE: 2 OF 2

CLIENT: Larry Patsouras PROJECT NO.: 1576 DRILL HOLE: E-14
 SITE LOCATION: 11630-11700 Burke Street, Santa Fe Springs, CA 90670
 DRILLING CO: Drill International TYPE OF RIG: Geoprobe w/250 4x4
 DRILLING METHOD/EQUIPMENT: Geoprobe GH-40 HOLE DIAMETER: 1.5"
 DRIVE WEIGHT/HEIGHT OF DROP: 22000 lbs/bl REFERENCE OR DATUM: Ground Level
 START DATE: 12/1/94 COMPLETION DATE: 12/1/94

DEPTH IN FEET	GRAPHIC BORING LOG	SAMPLE SIZE & LOCATION	BLOW COUNTS PER 0.5 FT	TIME IN HOURS	SOIL VAPOR READING, PPM	UNIFIED SOIL CLASSIFICATION SYSTEM U.S.C.S.	DESCRIPTION In Following Order: LITHOLOGY, color, grain size, sorting, angularity, fossils, consistency, wetness
30				0830	6.7	CL	29-31' SAND, light brown, fine to medium, rare gravel, moderately moist, moderately compact.
35				0845	7.8	SP	31-36' SILTY CLAY, brownish yellow, moist, dense.
40				0920	5.0		39-41' SAND, light brown, fine to medium, poorly graded, angular, moist, loose.
45				0950	6.7	CL	44-46' CLAY, brownish green, rare fine sand, very moist, moderately dense.
50							

NOTES:

TD Drilled 46 feet. TD sampled 46 feet. No ground water encountered. No caving.



ENVIRONMENTAL AUDIT, INC.

NOTE: This Boring Log Represents Conditions Only at Time and Location Indicated. Subsurface Conditions May Differ at Other Locations and Times.

LOGGED BY: EHL DATE: 12/01/94 APPROVED BY: EHL RCE#: 24274

GRAPHIC GEOTECHNICAL BORING LOG

PAGE: 1 OF 2

CLIENT: Larry Patsouras

PROJECT NO.: 1576

DRILL HOLE: E-15

SITE LOCATION: 11630-11700 Burke Street, Santa Fe Springs, CA 90670

DRILLING CO: Drill International

TYPE OF RIG: Geoprobe w/250 4x4

DRILLING METHOD/EQUIPMENT: Geoprobe GH-40

HOLE DIAMETER: 1.5"

DRIVE WEIGHT/HEIGHT OF DROP: 22000 lbs/bl

REFERENCE OR DATUM: Ground Level

START DATE: 12/1/94

COMPLETION DATE: 12/1/94

DEPTH IN FEET	GRAPHIC BORING LOG	SAMPLE SIZE & LOCATION	BLOW COUNTS PER 0.5 FT	TIME IN HOURS	SOIL VAPOR READING, PPM	UNIFIED SOIL CLASSIFICATION SYSTEM U.S.C.S.	DESCRIPTION
In Following Order: LITHOLOGY, color, grain size, sorting, angularity, fossils, consistency, wetness							
0						CL	0.3 0-0.3' ASPHALT
5				1015	9.2		4-6' SILTY CLAY, reddish brown, moist, very compact.
10				1030	4.6	SP	9-11' SILTY CLAY, reddish brown, moist, loose.
15				1040	5.2		14-16' SAND, reddish brown, fine to medium, poorly graded, angular, moist, loose.
20				1055	4.9		19-21' SAND, light brown to tan, fine to medium, poorly graded, moist, loose.
25				1120	8.3		24-26' SAND, light brown to tan, fine to medium, poorly graded, moist, loose.

Continued Next Page

NOTES:

TD Drilled 46 feet. TD sampled 46 feet. No ground water encountered. No caving.



ENVIRONMENTAL AUDIT, INC.

NOTE: This Boring Log Represents Conditions Only at Time and Location Indicated. Subsurface Conditions May Differ at Other Locations and Times.

LOGGED BY: EHL DATE: 12/01/94 APPROVED BY: EHL RCE#: 24274

GRAPHIC GEOTECHNICAL BORING LOG

PAGE: 2 OF 2

CLIENT: Larry Patsouras

PROJECT NO.: 1576

DRILL HOLE: E-15

SITE LOCATION: 11630-11700 Burke Street, Santa Fe Springs, CA 90670

DRILLING CO: Drill International

TYPE OF RIG: Geoprobe w/250 4x4

DRILLING METHOD/EQUIPMENT: Geoprobe GH-40

HOLE DIAMETER: 1.5"

DRIVE WEIGHT/HEIGHT OF DROP: 22000 lbs/bl

REFERENCE OR DATUM: Ground Level

START DATE: 12/1/94

COMPLETION DATE: 12/1/94

DEPTH IN FEET	GRAPHIC BORING LOG	SAMPLE SIZE & LOCATION	BLOW COUNTS PER 0.5 FT	TIME IN HOURS	SOIL VAPOR READING, PPM	UNIFIED SOIL CLASSIFICATION SYSTEM U.S.C.S.	DESCRIPTION
							In Following Order: LITHOLOGY, color, grain size, sorting, angularity, fossils, consistency, wetness
30				1140	8.2		29-31' SAND, light brown to tan, fine to medium, poorly graded, moist, loose.
						CL	31.0
35				1205	10.4		34-39' SILTY CLAY, grayish brown, moist, dense.
							39.0
40				1230	6.8	SP	39-41' SAND, light brown, fine to medium, poorly graded, angular, rare gravel, moist, loose.
							42.0
						CL	
45				1300	1		44-46' CLAY, brownish green, rare fine sand, very moist, dense.
							46.0
50							

NOTES:

TD Drilled 46 feet. TD sampled 46 feet. No ground water encountered. No caving.



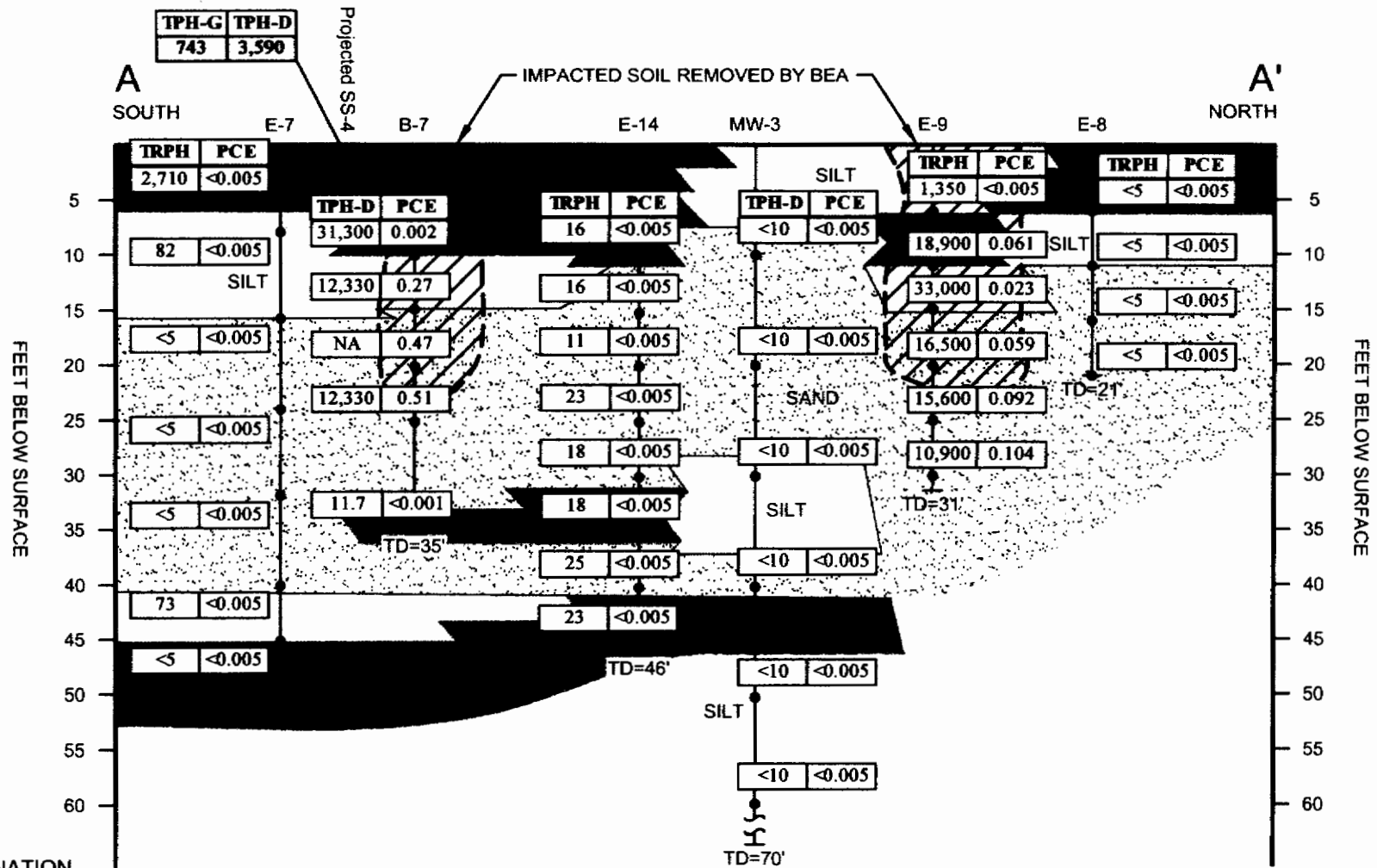
ENVIRONMENTAL AUDIT, INC.

NOTE: This Boring Log Represents Conditions Only at Time and Location Indicated. Subsurface Conditions May Differ at Other Locations and Times.

LOGGED BY: EHL DATE: 12/01/94 APPROVED BY: EHL RCE#: 24274

ATTACHMENT B

Revised Figure 9



EXPLANATION

12,330	0.51	Residual Hydrocarbon Left in Place That Exceed Los Angeles RWQCB Soil Screening Levels
743	3,590	Residual Hydrocarbon To Be Removed That Exceed Los Angeles RWQCB Soil Screening Levels

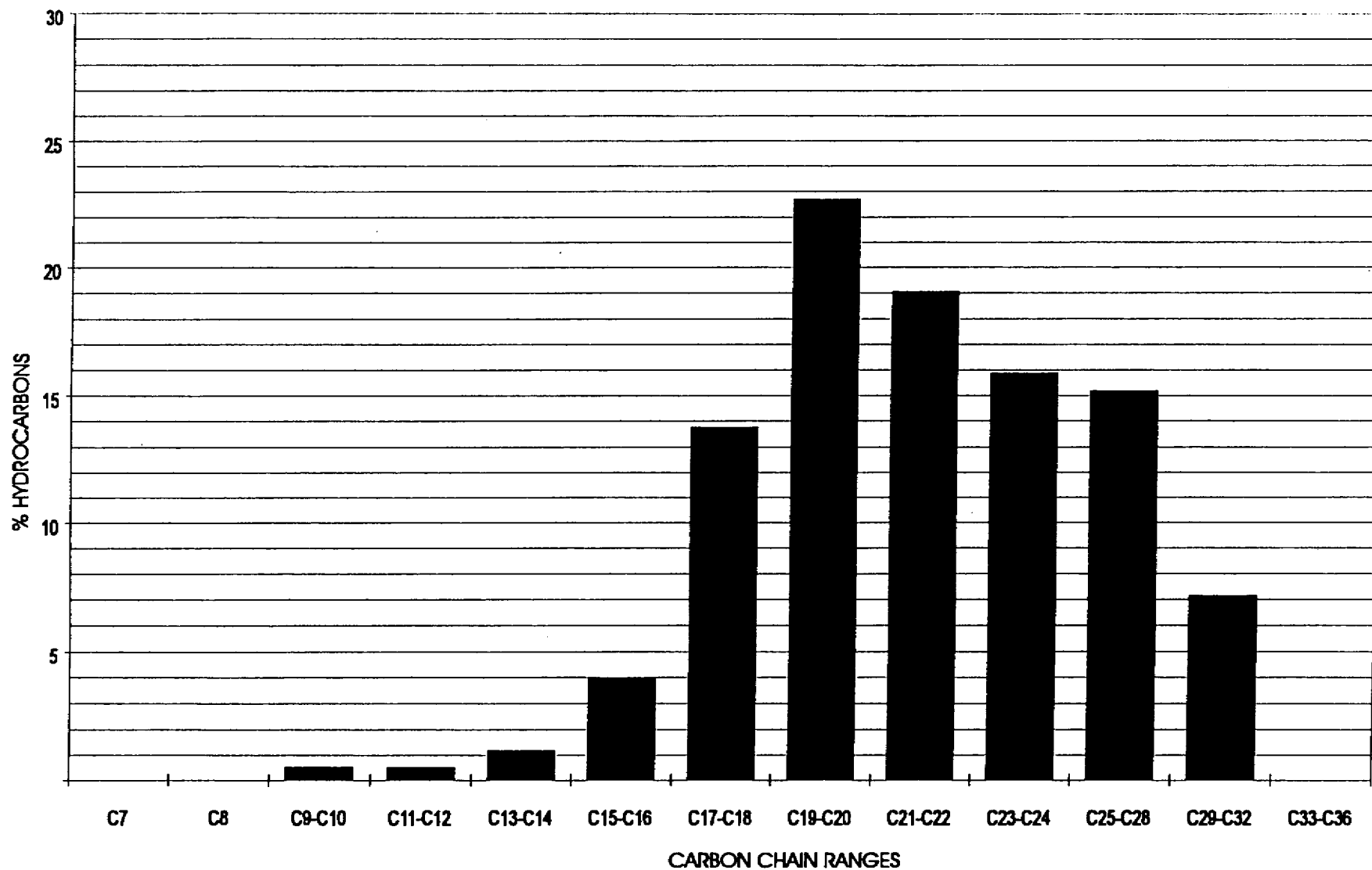
(CONCENTRATIONS GIVEN IN ug/L)



CROSS SECTION A-A'
11630 - 11700 Burke Street
Santa Fe Springs, CA 90670

ATTACHMENT C

Heavy End Petroleum Hydrocarbons in E-9



ENVIRONMENTAL AUDIT, INC.

Percent of Hydrocarbons with
Individual Carbon Chain Ranges
for Sample E-9@15-16'

Figure 4

DEC 17 1994

ENVIRONMENTAL AUDIT

ANALYTICAL REPORT

Environmental Audit, Inc.
1000-A Ortega Way
Placentia, CA 92670-7125

Date Sampled: 11/30/94
Date Received: 11/30/94
Date Extracted: 12/08/94
Date Analyzed: 12/09/94
Work Order No.: 94-11-518

Attn: Ed Leonhardt
RE: 11630-11700 Burke Street/1576

Method: EPA 8015M with Carbon Chain
Page 1 of 2

All concentrations are reported in mg/kg (ppm).

<u>Analyte</u>	<u>Concentration</u>	<u>Reportable Limit</u>
Sample Number: E-9@15-16'		
C7	ND	100
C8	ND	100
C9-C10	166	100
C11-C12	160	100
C13-C14	366	100
C15-C16	1230	100
C17-C18	4260	100
C19-C20	7020	100
C21-C22	5890	100
C23-C24	4910	100
C25-C28	4700	100
C29-C32	2210	100
C33-C36	ND	100

ANALYTICAL REPORT

Environmental Audit, Inc.
 1000-A Ortega Way
 Placentia, CA 92670-7125

Date Sampled: 11/30/94
 Date Received: 11/30/94
 Date Extracted: P/T
 Date Analyzed: 12/01-02/94
 Work Order No.: 94-11-518
 Method: EPA 8240A
 Page 7 of 19

Attn: Ed Leonhardt
 RE: 11630-11700 Burke Street/1576

All concentrations are reported in µg/kg (ppb).

Sample Number: E-9@ 30-31

<u>Analyte</u>	<u>Conc</u>	<u>Reportable Limit</u>	<u>Analyte</u>	<u>Conc</u>	<u>Reportable Limit</u>
Acetone	ND	25	1,1-Dichloroethene	ND	5
Benzene	ND	5	Trans-1,2-Dichloroethene	ND	5
Bromodichloromethane	ND	5	1,2-Dichloropropane	ND	5
Bromoform	ND	5	Cis-1,3-Dichloropropene	ND	5
Bromomethane	ND	10	Trans-1,3-Dichloropropene	ND	5
2-Butanone	ND	25	Ethylbenzene	ND	5
Carbon Disulfide	ND	25	2-Hexanone	ND	25
Carbon Tetrachloride	ND	5	Methylene Chloride	ND	10
Chlorobenzene	ND	5	4-Methyl-2-Pentanone	ND	25
Chloroethane	ND	5	Styrene	ND	25
2-Chloroethyl Vinyl Ether	ND	5	1,1,2,2-Tetrachloroethane	ND	5
Chloroform	ND	5	Tetrachloroethene	104	5
Chloromethane	ND	10	Toluene	ND	5
1,3-Dichlorobenzene	ND	5	1,1,1-Trichloroethane	ND	5
1,4-Dichlorobenzene	ND	5	1,1,2-Trichloroethane	ND	5
1,2-Dichlorobenzene	ND	5	Trichloroethene	ND	5
Dibromochloromethane	ND	5	Trichlorofluoromethane	ND	10
Dichlorodifluoromethane	ND	10	Vinyl Acetate	ND	25
1,1-Dichloroethane	ND	5	Vinyl Chloride	ND	10
1,2-Dichloroethane	ND	5	Total Xylenes	ND	10

ANALYTICAL REPORT

Environmental Audit, Inc.
 1000-A Ortega Way
 Placentia, CA 92670-7125

Date Sampled: 11/30/94
 Date Received: 11/30/94
 Date Extracted: P/T
 Date Analyzed: 12/01-02/94
 Work Order No.: 94-11-518
 Method: EPA 8240A
 Page 6 of 19

Attn: Ed Leonhardt
 RE: 11630-11700 Burke Street/1576

All concentrations are reported in µg/kg (ppb).

Sample Number: E-9@ 24-25

<u>Analyte</u>	<u>Conc</u>	<u>Reportable Limit</u>	<u>Analyte</u>	<u>Conc</u>	<u>Reportable Limit</u>
Acetone	ND	25	1,1-Dichloroethene	ND	5
Benzene	ND	5	Trans-1,2-Dichloroethene	ND	5
Bromodichloromethane	ND	5	1,2-Dichloropropane	ND	5
Bromoform	ND	5	Cis-1,3-Dichloropropene	ND	5
Bromomethane	ND	10	Trans-1,3-Dichloropropene	ND	5
2-Butanone	ND	25	Ethylbenzene	ND	5
Carbon Disulfide	ND	25	2-Hexanone	ND	25
Carbon Tetrachloride	ND	5	Methylene Chloride	ND	10
Chlorobenzene	ND	5	4-Methyl-2-Pentanone	ND	25
Chloroethane	ND	5	Styrene	ND	25
2-Chloroethyl Vinyl Ether	ND	5	1,1,2,2-Tetrachloroethane	ND	5
Chloroform	ND	5	Tetrachloroethene	92.0	5
Chloromethane	ND	10	Toluene	ND	5
1,3-Dichlorobenzene	ND	5	1,1,1-Trichloroethane	ND	5
1,4-Dichlorobenzene	ND	5	1,1,2-Trichloroethane	ND	5
1,2-Dichlorobenzene	ND	5	Trichloroethene	ND	5
Dibromochloromethane	ND	5	Trichlorofluoromethane	ND	10
Dichlorodifluoromethane	ND	10	Vinyl Acetate	ND	25
1,1-Dichloroethane	ND	5	Vinyl Chloride	ND	10
1,2-Dichloroethane	ND	5	Total Xylenes	ND	10

WELL INSTALLATION (MW-3 AND MW-4), AND THIRD QUARTER 2009 GROUND WATER MONITORING REPORT

**11630-11700 Burke Street
Santa Fe Springs, CA 90670
(RWQCB SCP Case No. 1238)**

Prepared for:

**LARRY PATSOURAS
11700 Burke Street
Santa Fe Springs, CA 90670**

Submitted to:

**CALIFORNIA REGIONAL WATER QUALITY CONTROL BOARD
LOS ANGELES REGION
320 W. 4th Street, Suite 200
Los Angeles, CA 90013**

EAI Project No. 1576

August 24, 2009

Prepared by:



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1.0 INTRODUCTION

This document constitutes a soil and ground water assessment report for the real property identified as 11630 - 11700 Burke Street, Santa Fe Springs, Los Angeles County, California 90670 (Site) (see Figure 1). This report summarizes historical activities completed to date for the Site and documents the installation of ground water monitoring wells MW-3 and MW-4, including the Third Quarter 2009 ground water sampling event. EAI was retained by Mr. Larry Patsouras, the current property owner, to prepare this report.

Assessment efforts associated with the Site are currently being overseen by the California Regional Water Quality Control Board, Los Angeles Region (RWQCB). Mrs. Ann Lin is the RWQCB Case Manager assigned to the Site and the Site Cleanup Program Case Number is 1238.

1.1 BACKGROUND INFORMATION

The Site, approximately 8.5 acres, is identified by the County of Los Angeles as Assessor's Parcel Number 8168-001-008. For reporting purposes the Site has been divided into the "East Parcel" where Mr. Patsouras operates El Greco, a wholesale grocery warehouse, and the "West Parcel" where Talco Plastics formerly operated until 1997 (see Figure 2). All of the former Talco Plastics facilities, except an office building, were removed from the West Parcel of the Site pursuant to permits issued by the City of Santa Fe Springs.

Historically, the Site Mitigation Unit (SMU), Health Hazardous Materials Division, County of Los Angeles Fire Department was initially working on environmental issues associated with the Site. On June 4, 1997, the SMU forwarded a letter to Mr. Jim Ross of the RWQCB transferring the case to the RWQCB due to the presence of chemicals, e.g., tetrachloroethene (PCE) and trichloroethene (TCE) detected in ground water beneath the Site.

1.2 HISTORICAL LAND USE

Globe International, Inc. (Globe), a manufacturer of oil well drilling equipment and tools, occupied the Site beginning in or about 1968. Prior to that time the Site was reportedly undeveloped (see AIG, 1994). Palley Supply Company (Palley), a government surplus order house, occupied the Site beginning in 1973. Max Rouse & Sons, Inc., industrial auctioneers, occupied the East Parcel beginning in 1981, followed by Master Box and Paper Company beginning in 1987, and El Greco in 1997. Talco Plastics occupied the West Parcel between about 1983 and 1997. Talco Plastics was in the business of reprocessing plastic resins, i.e., plastic scrap purchased from various sources was ground and further palletized by extrusion.

In 1970, Globe received a Notice of Violation (NOV) from the Los Angeles County Engineer for discharging of liquid waste to the ground surface. An analysis of the waste discharged indicated high levels of dissolved solids. The waste was the result of steam cleaning and degreasing operations of steel parts prior to painting. Oil and grease in the wastewater were not analyzed at that time. Subsequently, Globe installed a waste disposal system in which liquid waste flowed

out into the sewer after passing through two three-compartment interceptors/clarifiers. Solid sedimentary waste products consisting of chemicals, grease, sand and steel scales estimated at 15-20 cubic feet per month was reportedly pumped from the interceptors/clarifiers and disposed of by private vendors.

In 1978, Palley received a NOV from the City of Santa Fe Springs for discharge of industrial wastewater to the public sewer system. Palley, who was engaged in hydraulic equipment maintenance, was discharging industrial waste from a steam cleaning operation through one or both of the interceptors/clarifiers described above, to the sanitary sewer.

In 1987, the County of Los Angeles Department of Health Services requested a criminal complaint to be filed by the District Attorney's office against Palley. The complaint was associated with the presence of the two subsurface structures (interceptors/clarifiers) consisting of three compartments and each compartment containing a black oily liquid resembling waste oil. Palley ceased these operations in 1987.

In 1988, following overflow of the abandoned clarifiers onto the east parcel of the Site during a rain storm, the City of Santa Fe Springs Fire Department directed Mr. Palley, the property owner at that time, to properly dispose of the waste contained in the two clarifiers and the approximately twenty 55-gallon drums also containing waste located directly adjacent to the clarifiers. Records indicated that 3,500 gallons of waste liquid were removed from the Site on November 15, 1988. The clarifiers were reportedly subsequently abandoned by filling them with sand and concrete.

2.0 SUMMARY OF PRIOR INVESTIGATIONS

2.1 PHASE I SITE ASSESSMENT

In June 1994 AIG Consultants, Inc. (AIG) completed a Phase I Environmental Site Assessment of the Site (see AIG, 1994). The Site at that time was owned by Mr. William Palley and the West Parcel was occupied by Talco Plastics and the East Parcel contained a warehouse that was vacant (see Figure 2). The purpose of the assessment was to identify any known or potential environmental problems at the Site. Based upon their investigation, AIG concluded that there was evidence of past activity at the Site which may represent environmental risks and/or liabilities, and therefore, AIG recommended that a Phase II investigation be performed to determine the presence or absence of contamination.

2.2 PHASE II SITE ASSESSMENT

In August 1994, Professional Service Industries, Inc. (PSII) completed a Phase II investigation of the Site (see PSII, 1994). Based on review of the AIG Phase I report and a walk-through and inspection of the property, PSII drilled and sampled eight borings (B-1 through B-8) ranging in depth from 4.5 to 35 feet below ground surface (bgs), and four hand auger borings (HA-1 through HA-4) on the Site. These soil sampling locations targeted the following areas of the Site (see Figure 3):

LOCATION	BORING
East Parcel	
- Storage Shed	HA-1
- Abandoned Clarifiers	B-6, B-7
- Historical Stained Areas	B-1, B-2, B-3, B-4, B-8
West Parcel	
- Clarifiers (Historical Paint/Steam Cleaning Area)	HA-2, HA-3
- Maintenance Shop (Clarifier)	B-5
- Equipment Storage (Stained Area)	HA-4

Soil samples were selectively analyzed for total petroleum hydrocarbons (TPH) by modified EPA Method 8015, volatile organic compounds (VOCs) by EPA Method 8260, and Title 22 metals by EPA Methods 6010/7471. The results of the hydrocarbon testing are summarized on Table 1 and metal testing on Table 2.

For comparison purposes, Table 1 and Table 2 include Soil Screening Levels (SSLs) based on use of RWQCB attenuation factor guidance (see RWQCB, 1996A and 1996B), California Human Health Screening Levels (CHHSLs) for residential land use and commercial/industrial land use (see Cal-EPA, 2005), and EPA Region 9 Screening Levels for Chemical Contaminants (SLCCs) at Superfund Sites for residential land use and commercial/industrial land use (see EPA, 2008).

2.3 SUPPLEMENTAL SITE ASSESSMENTS

Supplemental assessments of the Site were completed by EAI in 1994 (see EAI, 1995), 1996 (see EAI, 1997) and 1999 (see EAI, 1999). These investigations included:

- **1994:** Drilling and sampling of borings E-1 through E-17, and installation of ground water monitoring well MW-1. Borings E-1 through E-17 ranged in depth from 10 to 45 feet bgs. Note four attempts were made to advance boring E-13; however, auger refusal was encountered at each location. Ground water was encountered beneath the Site at a depth of about 36 feet bgs, and therefore, well MW-1 was terminated at a depth of 53 feet bgs and slotted between 33 and 53 feet bgs.
- **1996:** Near surface soil sampling locations SS-1, SS-2, SS-3, SS-4 and SS-5, and installation of ground water monitoring well MW-2.
- **1999:** Drilling and sampling of borings S-1 through S-10 (each 10 foot deep) and sample location Pit.

These media sampling locations targeted the following areas of the Site (see Figure 3):

LOCATION	BORING
East Parcel	
- Storage Shed	E-8, E-9, E-11
- Abandoned Clarifiers	E-7, E-14, E-15
- Historical Stained Areas	E-10, E-12, SS-1, SS-2, SS-3, SS-4
West Parcel	
- Underground Storage Tanks	E-1, E-2, E-3, E-4
- Clarifiers (Historical Paint/Steam Cleaning Area)	E-5, E-6, S-3, S-4, S-5, S-6, S-7, S-8, Pit
- Mechanical Pit	E-16
- Maintenance Shop (Clarifier)	E-17, S-1, S-2
- Removed Storm Water Clarifier	S-9, S-10

Selected soil samples were analyzed for TPH as gasoline (TPH-G), as diesel (TPH-D) and as oil (TPH-O) by modified EPA Method 8015M, total recoverable petroleum hydrocarbons (TRPH) by EPA Method 418.1, VOCs by EPA Methods 8020, 8240 and 8260, Title 22 metals, semi-volatile organic compounds (SVOCs) by EPA Method 8270C, and polychlorinated biphenyls (PCBs) by EPA Method 8082. See Table 1 and Table 2 for soil testing results.

Ground water well MW-1 was located in the central area of the Site near the former storage shed and clarifiers, and MW-2 in the northeastern area of the Site (see Figure 3). Based on ground water elevation data for two adjacent properties with known soil and ground water contamination (see Section 3.0) the ground water flow for the area is westerly-southwesterly.

Ground water samples were collected and analyzed for VOCs and Title 22 Metals. Table 3 summarizes the ground water quality data for VOCs and Table 4 for metals.

2.4 REMOVAL OF UNDERGROUND STORAGE TANKS

In April 1998, two USTs (one diesel and one gasoline) were removed from the Site by Advanced GeoEnvironmental, Inc. (AGI) pursuant to a permit issued by the SFSFD. The dispenser (fuel) island and product piping were located directly over the two USTs. Five soil samples were collected from beneath the USTs following removal, i.e., two (B1A and B1B) from beneath the gasoline UST and three (B2A, B2B and B2C) from beneath the diesel UST (see Figure 3). Two samples (SP1 and SP2) of the soil excavated during USTs removal activities were also collected for analysis.

The soil samples collected from beneath the gasoline UST were analyzed for TPH-G, BTEX and MTBE, the samples beneath the diesel UST for TPH-G, TPH-D, BTEX and MTBE, and the stockpiled soil for TPH-G, TPH-D, TRPH, BTEX and MTBE (see AGI, 1998). No chemicals were detected in five soil samples collected from beneath the USTs (see Table 1). TRPH at a maximum concentration of 20 mg/kg was the only chemical detected in the stockpiled soil.

Based on review of AGI, 1998 the SFSFD issued a no further action (NFA) letter for the USTs dated May 1, 1998.

It should be noted that Amnat Environmental & Geotechnical (AEG) completed a Leak Detection Investigation of the USTs in 1995 for the Los Angeles County Department of Public Works. The investigation included the drilling and sampling of six borings, i.e., boring B-1 and B-3 to 40 feet bgs, B-5 and B-6 to 20 feet bgs, and B-2 and B-4 to 5 feet bgs (see AEG, 1995). Fourteen soil samples were analyzed for TPH-G, TPH-D and BTEX. No chemicals were detected in the soil samples analyzed.

2.5 REMOVAL OF STORM WATER CLARIFIER

Pursuant to closure authorization issued by the SFSFD on January 7, 1999, the storm water clarifier located west of the office building situated on the West Parcel of the Site was removed. On August 25, 1999, the SFSFD issued a closure certification for the storm water clarifier.

It should be noted that EAI borings S-9 and S-10 were drilled and sampled in February 1999 to assess potential impacts associated with the storm water clarifier (see Figure 3). Soil samples collected from each boring at 10 feet bgs were analyzed for TRPH and VOCs, and no chemicals were detected (see Table 1).

2.6 SOIL REMEDIATION – 2006

In 2006, Biophysics Environmental Assessment, Inc. (BEA) was retained by Mr. Patsouras to excavated impacted soil for two areas on the East Parcel of the Site, i.e., storage shed (EAI Borings E-9 and HA-1) and abandoned clarifier area (EAI Boring B-7). These two areas of the

East Parcel were targeted for excavation since prior investigations indicated the presence of hydrocarbons in soil above SSLs (see Table 1).

BEA submitted to the SFSFD a Soil Remediation Work Plan (see BEA, 2006A) and Addendum to Soil Remediation Work Plan (see BEA, 2006B) outlining the soil excavation efforts proposed for the Site. On August 9, 2006 the SFSFD issued a letter approving the Soil Remediation Work Plan as amended.

Between August 16 and 18, 2006, BEA excavated two trenches to approximately 20 feet bgs in areas of the storage shed and abandoned clarifier (see Figure 4). A total of 25 soil samples were collected as part of the excavation efforts, i.e., 12 from the storage shed trench and 13 from the abandoned clarifier area trench. Each soil sample was analyzed for TPH-G, TPH-D, TPH-O and VOCs, including fuel oxygenates, and six soil samples were also analyzed for Title 22 metals (see Table 5).

TPH-G was not detected in any of the 25 soil samples analyzed. TPH-D was detected in four of the 25 soil samples at concentrations ranging between 5.2 mg/kg and 146 mg/kg, and TPH-O in two samples at concentrations of 30J mg/kg (this is an estimated concentration above the method detection limit, but below the laboratory reporting limit) and 180 mg/kg. All of the TPH-D and TPH-O concentrations detected are below their respective SSLs.

Toluene and xylenes were the only VOCs detected in the 25 soil samples analyzed, and both chemicals were detected in only one soil sample, i.e., E9Center@10'. The toluene and xylenes concentrations detected are below their respective SSLs.

Several Title 22 metals were detected in the six soil samples analyzed, i.e., arsenic, barium, chromium, cobalt, copper, lead, molybdenum, nickel, vanadium, and zinc. No metals were detected above environmental screening levels established for residential and commercial/industrial land use, except arsenic. Arsenic was detected in all six samples at concentrations ranging between 3.6 mg/kg and 5.8 mg/kg.

On October 6, 2006 the SFSFD issued a letter providing comments on the BEA Soil Remediation Report of Findings (see BEA, 2006C). This letter indicates that no further action will be required by the SFSFD for the two areas excavated by BEA in August 2006. However, the letter identified other non-UST regulated subsurface units that require closure by the SFSFD, before redevelopment can be considered. The closure of these subsurface units is addressed in Section 2.7.

It should be noted that the BEA Soil Remediation Report of Findings does not include any figures depicting the locations of the various soil samples collected by BEA as part of their investigation. Only one figure depicting the excavation areas is included in the BEA report.

2.7 CLOSURE OF SUBSURFACE UNITS – 2009

In February 2009, the five non-UST regulated subsurface units associated with the SFSFD letter dated October 6, 2006 were addressed by EAI pursuant to permits issued by the City of Santa Fe Springs (see EAI, 2009B). The units were identified as (see Figure 5):

Subsurface	
Unit No.	Identification
1	Abandoned water line
2	Concrete electrical utility box
3	Clarifier
4	Clarifier
5	Clarifier

Media samples were analyzed for TPH-G, TPH-D, VOCs, SVOCs, Title 22 metals, and PCBs. Table 6 summarizes the results of the analytical testing and media sampling locations are depicted on Figure 5. See EAI, 2009B for details on closure activities.

On April 16, 2009, the SFSFD issued a no further action letter for these units (see Appendix A).

2.8 SOIL GAS SURVEY

In February 2009, a soil gas survey was conducted for the West Parcel of the Site (see EAI, 2009C). Soil gas samples were obtained from 25 sample point locations at depths of 5 and 15 feet bgs (see Figure 6). A total of 18 VOCs were detected in soil gas samples collected from beneath the Site (see Tables 7 and 8).

A human health screening evaluation was completed using the maximum concentrations of chemicals detected in soil gas at 5 and 15 feet bgs as exposure point concentrations. The results of the risk assessment indicate an incremental cancer risk below 10 per million which is typically considered acceptable for commercial development, and a hazard quotient below the threshold level of 1.0.

Appendix B contains the Office of Environmental Health Hazard Assessment (OEHHA) Memorandum dated July 27, 2009 reviewing the human health screening evaluation. OEHHA concluded that the vapor intrusion risk and hazard estimates are conservative, reliable, and can support risk management decisions.

3.0 OFF-SITE IMPACTED PROPERTIES

There are two properties adjacent to the Site that are known to be impacted, i.e., Pilot Chemical Company located at 11756 Burke Street and Phibro-Tech, Inc. located at 8851 Dice Road, as well as regional contamination identified for the area by the Water Replenishment District of Southern California (WRD) (see WRD, 2007).

3.1 PILOT CHEMICAL

This property is about 4.3 acres in size, located immediately east of the Site across the railroad tracks, and was used to manufacture detergent for industrial purposes. Pilot Chemical is an active case being overseen by the RWQCB, Mr. Henry Jones is the Case Manager, and the matter is identified as Case No. 0383, Site ID No. 2041500. Chemicals of concern include both petroleum and chlorinated hydrocarbons.

Ground water monitoring for the Pilot Chemical site is completed on a semi-annual basis. Figure 7 depicts the approximate location of the 11 ground water wells associated with the Pilot Chemical site (see PEE, 2008). The ground water flow direction is reported as westerly-southwesterly.

3.2 PHIBRO-TECH, INC.

This property is about 4.8 acres in size, located immediately east-southeast of the Site across the railroad tracks, and receives various hazardous aqueous wastes and recyclable materials primarily from the electronic and aerospace industries and treats these substances to create usable new products. Phibro-Tech, Inc. is an active case being overseen by DTSC and Ms. Kathy San Miguel of the DTSC Cypress Office is the Case Manager.

Ground water monitoring was initiated at the Phibro-Tech, Inc. site over 20 years ago and continues as part of ongoing cleanup efforts. Three types of contaminants have generally been detected in ground water beneath the Phibro-Tech, Inc. site: (a) dissolved metals; (b) non-chlorinated VOCs; and (c) chlorinated VOCs (see IRIS, 2008). Elevated concentrations of dissolved metals such as hexavalent chromium have consistently been detected in the vicinity of Pond 1, a Resource Conservation & Recovery Act (RCRA) regulated former surface impoundment area located in the center of the facility.

There are over 20 ground water monitoring wells associated with the Phibro-Tech, Inc. site. Figure 7 depicts the approximate location of these wells (see IRIS, 2008). The ground water flow direction for the upper zone wells, i.e., 45 feet bgs, is reported as southwest. Hexavalent chromium concentrations for the July 2008 sampling event ranged from 0.0012 mg/L to 11 mg/L. Hexavalent chromium concentrations were as high as 120 mg/L in 1989 and have fluctuated between non-detect and 33 mg/L since October 2001.

3.3 REGIONAL IMPACT

The WRD, in cooperation with the United States Geological Service (USGS), has completed a ground water contamination study to assess the Central Basin threat of multiple contamination plumes in the area (see WRD, 2007). The Central Basin includes the cities of Whittier and Santa Fe Springs.

Several large scale releases such as the Omega Chemical Corporation facility in Whittier, a federal Superfund Site being overseen by EPA with a ground water plume known to extend over three miles, McKesson Chemical Corporation facility in Santa Fe Springs being overseen by DTSC, and Angeles Chemical Company, Inc. in Santa Fe Springs being overseen by DTSC, have resulted in regional ground water impacts to the area, which includes the Site. The chemicals of concern are PCE (primary chemical of concern), TCE and their breakdown products. TCE is a known breakdown product of PCE. Figure 8 depicts the regional PCE plume for the WRD Central Basin.

4.0 SAMPLING ACTIVITIES AND RESULTS

4.1 UNDERGROUND SERVICE ALERT

Prior to initiating sampling activities, sampling locations were marked on the ground surface and Underground Service Alert (USA) was notified. USA issued Ticket No. A91730179 for this project.

4.2 WELL PERMIT

The Los Angeles County Department of Public Works, Water Quality Program, Environmental Health Division issued Permit Number 9234 for installation of ground water wells MW-3 and MW-4 (see Appendix C).

4.3 HEALTH AND SAFETY

All media sampling activities were completed in accordance with the requirements outlined in the EAI Health and Safety Plan for the Site dated October 29, 2008 (see Appendix C of EAI, 2008).

4.4 WELL INSTALLATION

On June 30, 2009, wells MW-3 and MW-4 were installed at the Site. Well MW-3 encountered ground water at approximately 63 feet bgs and was drilled to a total depth of 70 feet bgs. Well MW-4 encountered ground water at approximately 70 feet bgs and was drilled to a total depth of approximately 80 feet bgs.

The wells were installed by Cascade Drilling, Inc of La Habra, California (License No. 717510; C-57 Water Well Drilling) using a CME-85 drill rig. All borings were logged in accordance with the Unified Soil Classification System (see Appendix D).

Soil samples were collected at approximately 5 feet bgs and at 5-foot intervals thereafter until termination. Soil samples were obtained using three 1.5-inch diameter by six-inch long stainless steel tubes mounted within a 1.5-inch inside diameter split-spoon drive sampler employed in advance of the augers. After sample recovery, one stainless steel tube and two EnCore[®] samplers (conforming to EPA Method 5035) were retained for analytical testing.

A Mini Rae 2000 Photo-Ionization Detector (PID) calibrated against a normal hexane gas standard was used on the soil obtained at each sampling interval within the borings, to determine if volatile hydrocarbon vapors were emanating directly from the soil. Each sample was placed in an airtight "Ziploc" plastic bag. The soil samples were allowed to sit in the bags for a minimum of five minutes and then the headspace in the bags was analyzed using the PID. The results of this field-testing are recorded on the boring logs (see Appendix D).

4.5 WELL CONSTRUCTION

The wells were constructed with a slotted section extending from total depth upward 30 feet. For specific well construction details see Appendix E and Table 9. Each well was constructed with 2-inch Schedule 40 PVC with 0.020 inch slots. The sand pack that was placed around the well screen consisted of #3 Monterey sand that extended from total depth to approximately 5 feet above the slotted section. Flush mounted traffic grates were placed on both wells.

4.6 WELL DEVELOPMENT

The wells were allowed to sit for seven days after construction, prior to development. On July 8, 2009, the wells were developed until the water is relatively free of settleable solids.

4.7 WELL ELEVATION SURVEY

On July 6, 2009, the well locations were surveyed pursuant to the requirements of GeoTracker by Evans Land Surveying and Mapping (see Appendix F).

4.8 GROUND WATER SAMPLING

On July 14, 2009, prior to initiating any purging or sampling activities, depth measurements to fluid levels were obtained using an interface probe accurate to 0.01 foot (see Table 3). Prior to collecting ground water samples for analytical testing, wells MW-2 and MW-4 were purged of approximately three well casing volumes of water. Less than a foot of water was present in well MW-3, therefore, this well was sampled without purging.

The samples were collected from just below the water surface using disposable bottom bailers equipped with VOC sampling tips. The samples were sealed in 40-milliliter volatile organic analysis (VOA) vials with Teflon septa lined lids, one-liter amber glass jar and one 500-mililiter plastic jar. Each vial was completely filled so that no headspace existed between the sample and the lid.

4.9 SAMPLE IDENTIFICATION, DOCUMENTATION, PACKAGING AND SHIPPING

To identify and manage the samples collected in the field, a sample label was affixed to each sample container. Each sample label included the following information:

- Sample identification number
- Date and time of sample collection
- EAI project number
- Name of client
- Name of sampler

Following sample collection and labeling, the soil and ground water samples were placed into a high quality ice chest for temporary storage and transport to EAI office. The following protocol was used for sample packaging:

- A self-adhesive sample label was placed across the lid of each sample container, acting not only as a sample label but also as a custody seal.
- The samples were placed in leak-proof Ziploc[®] plastic bags.
- The samples were then placed into a high quality ice chest which included ice to keep the samples chilled during transport. The drain plug of the ice chest was secured using tape to preclude melting ice from leaking out of the cooler.
- The chain of custody record (COC) forms were placed in a Ziploc[®] water-resistant plastic bag and taped to the inside lid of the cooler.
- The samples were kept chilled in an EAI refrigerator until picked up by the laboratory for analytical testing.

COC record forms (see Appendix G) were used to document sample collection and shipment to the laboratory for analytical testing. The COC record form identifies the contents of each shipment, the analytical testing to be completed on each sample, and maintains the custodial integrity of the samples.

4.10 DECONTAMINATION PROCEDURES

The augers were steam cleaned between each boring. The equipment used to collect the soil samples was decontaminated prior to each sampling, to assure the quality of the samples collected. The sampling equipment was decontaminated using the following procedure:

- All excess soil was scrapped off the sampler;
- The sampler was washed in a solution of non-phosphate detergent (Alconox) and tap water; and
- The sampler was rinsed with tap water.

The submersible pump and hose (equipment) used to develop and purge the wells prior to sampling was decontaminated using the following procedure:

- The equipment was washed in a solution of non-phosphate detergent (Alconox) and tap water; and
- The equipment was rinsed with tap water.

4.11 MANAGEMENT OF WASTES

In the process of collecting media samples during the field-sampling program, potentially contaminated investigation-derived wastes (IDW) were generated. These wastes include spent personal protective equipment (PPE), soil cuttings, and decontamination and well development/purging fluids. Spent PPE, e.g., gloves, were double bagged and placed in a municipal refuse dumpster.

Soil cuttings and the liquid effluent generated from decontaminating sampling equipment and sampling the ground water wells was sealed in labeled 55-gallon drums. The drums remained on-site, pending the results of the analytical testing of the soil and ground water samples collected in the field, at which time an appropriate disposal method was determined.

4.12 ANALYTICAL PROGRAM AND RESULTS

Appendix G contains the COC record forms and laboratory reports.

4.12.1 Soil Samples

Soil samples collected from 10, 20, 30, 40, 50 and 60 feet bgs from well MW-3 and 10, 20, 30, 40, 55 and 65 feet bgs from well MW-4 were analyzed for TPH-D by modified EPA Method 8015 and VOCs (including fuel oxygenates) by EPA Method 8260B.

No TPH-D or VOCs were detected in the soil samples (see Table 10).

4.12.2 Ground Water Samples

Each ground water sample was analyzed for TPH-G and TPH-D using modified EPA Method 8015, VOCs (including fuel oxygenates) by EPA Method 8260B, and total and hexavalent chromium by EPA Methods 200.7 and 218.6, respectively. The results of the testing are summarized on Tables 3 and 4.

No TPH-G or TPH-D were detected. Total and hexavalent chromium were not detected in well MW-3. Total and hexavalent chromium were detected in well MW-2 at 0.061 mg/l and 0.00432 mg/l, respectively, and well MW-4 at <0.01 mg/l and 0.00443 mg/l, respectively.

PCE was the only chemical detected in well MW-2 at 8.92 ug/l. PCE (25.4 ug/l), TCE (4.16 ug/l), carbon tetrachloride (17 ug/l) and chloroform (36.1 ug/l) were the VOCs detected in well MW-3. Well MW-3 is down-gradient of the Pilot Chemical site and in the area where soil remediation work was completed for the Site. PCE (11.4 ug/l), TCE (6.05 ug/l), carbon tetrachloride (1.34 ug/l), chloroform (4.11 ug/l), cis-1,2-DCE (1.52 ug/l) and trans-1,2-DCE (1.22 ug/l) were the VOCs detected in well MW-4, the most down-gradient on-site well.

5.0 DISCUSSION

Numerous assessments have been completed over the years by various firms to identify chemicals in soil gas, soil and ground water beneath the Site. Collectively, these investigations have adequately characterized the Site.

The Site is located within an area that is known to be impacted on a regional basis by several large scale releases from the Omega Chemical Corporation facility in Whittier, a federal Superfund Site, McKesson Chemical Corporation facility in Santa Fe Springs, and Angeles Chemical Company, Inc. in Santa Fe Springs. The chemicals of concern are PCE (primary chemical of concern), TCE and their breakdown products. Figure 8 depicts the regional PCE plume. In addition to these facilities, there are two properties immediately adjacent to the Site that are known to be impacted, i.e., Pilot Chemical Company (VOCs) and Phibro-Tech, Inc. (VOCs and metals, including hexavalent chromium). The Site is down-gradient from these properties (see Figure 7).

In 2006, BEA completed soil remediation efforts at the Site (see Section 2.6). Comparison of BEA soil testing results (see Table 5) with the results of all other soil samples collected from the Site (see Tables 1, 2, 6 and 10) indicate that there are five soil sampling locations where residual hydrocarbons are present in soil above SSLs. These five sampling locations and the proposed plan for each area, i.e., excavation and removal of soil or leave soil in-place, are listed below:

Year/Sample Location and Depth	Chemicals of Concern (mg/kg)	Proposed Action
1994: HA-1@2'	TPH-O@30,000	Excavate
1994: E-9@25'	TRPH@15,600	Leave in-Place
1994: E-9@31'	TRPH@10,900	
1994: B-7@25'	TPH-O@12,330 and PCE@0.51	Leave in-Place
1996: SS-4@2'	TPH-G@743 and TPH-D@3,590	Excavate
2009: Sample 4@15'	TPH-D@4,940	Leave in-Place

With the exception of locations HA-1 and SS-4, the other three locations (E-9, B-7 and Sample 4) have impacted soils at depths equal to or greater than 15 feet bgs, and therefore, will not be disturbed as part of the future redevelopment (warehouse) proposed for the Site. Given the fact that heavy end petroleum hydrocarbons are the chemical of concern for these three areas (see Figures 9 and 10), i.e., only PCE was detected at 0.51 mg/kg for sample location B-7@25' and this was in 1994, over 14 years ago and this PCE concentration has since likely been degraded, soil and ground water quality data from well MW-3, and human health screening evaluation for soil gas concentrations, EAI proposes to leave the deep soils for locations E-9, B-7 and Sample 4 in-place.

With respect to the shallow impacted soils associated with locations HA-1 and SS-4, EAI proposes to excavate and ship these soils off-site for processing.

Ground water quality data indicate PCE concentrations between 8.92 ug/l and 25.4 ug/l and TCE concentrations between <1 ug/l and 6.05 ug/l which are well within the regional concentrations known to be present in the area.

6.0 REQUEST

EAI is requesting that the RWQCB concur that no further action is required for the residual hydrocarbon concentrations remaining in soil at depths equal to or greater than 15 feet bgs at locations E-9, B-7 and Sample 4. Upon receipt of this approval, the shallow impacted soil at locations HA-1 and SS-4 will be excavated and removed from the Site. Excavation efforts, air monitoring, confirmation soil sampling, analytical testing, backfilling and compaction of the excavated areas, and reporting will be completed as outlined in the EAI Work Plan (see EAI, 2008) and EAI Work Plan Addendum (see EAI, 2009A) prepared for the Site.

A final report documenting the removal and disposal of soil from these two locations HA-1 and SS-4, and manifests documenting disposal of this and other impacted soil that is presently stockpiled on-site from prior remedial work, will be submitted.

Another round of Ground water samples will be collected from all wells associated with the Site in October 2009 and analyzed for TPH-G, TPH-D, VOCs, and total and hexavalent chromium.

7.0 LIMITATION

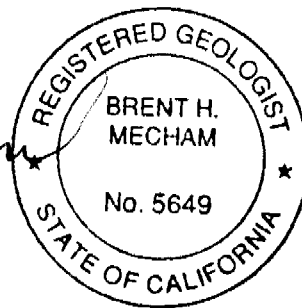
Our professional services have been performed using that degree of knowledge, diligence, care and skill ordinarily exercised, under similar circumstances, by reputable environmental consultants practicing in this or similar localities at this time. EAI assumes that information provided by third parties is true, accurate and reliable. This report has been prepared for Mr. Larry Patsouras. Use of this report by any other party shall be at such party's sole risk. The findings and conclusions contained in this report are based on information contained and/or referenced herein, and our best judgment. No other warranty, expressed or implied, is made as to the professional advice contained in this report.

Respectfully submitted,

ENVIRONMENTAL AUDIT, INC.

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BHM:1576:1576SiteAssessmentReport-09Aug

8.0 REFERENCES

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TABLES

TABLE 1
HISTORICAL (1994 - 1999) SOIL TESTING RESULTS - HYDROCARBONS
 11630 - 11700 Burke Street, Santa Fe Springs, CA 90670
 (concentrations in milligrams per kilogram - mg/kg)

Original in Color

Firm	Samples ID	Date	(8015M)			(418.1)	(8020/8240/8260B)																
			TPH-G	TPH-D	TPH-O	TRPH	Toluene	Xylenes	Ethyl benzene	PCE	TCE	Methylene Chloride	Acetone	TCFM	n-Butyl benzene	n-Propyl benzene	Naphthalene	p-Isopropyl toluene	sec-Butyl benzene	MEK	1,2,3-TCP	1,2,4-TMB	1,3,5-TMB
WEST PARCEL - UNDERGROUND STORAGE TANKS																							
EAI	E-1@4-6'	11/29/94	<10	<10	NA	<5	<0.005	<0.01	<0.005	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	E-1@9-11'	11/29/94	<10	<10	NA	22	<0.005	<0.01	<0.005	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	E-1@14-16'	11/29/94	<10	<10	NA	32	<0.005	0.0481	<0.005	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	E-1@19-21'	11/29/94	<10	<10	NA	9	<0.005	<0.01	<0.005	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	E-1@24-26'	11/29/94	<10	<10	NA	15	<0.005	<0.01	<0.005	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	E-2@4-6'	11/29/94	<10	<10	NA	NA	<0.005	<0.01	<0.005	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	E-2@9-11'	11/29/94	<10	<10	NA	NA	<0.005	<0.01	<0.005	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	E-2@14-16'	11/29/94	<10	<10	NA	NA	<0.005	<0.01	<0.005	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	E-2@19-21'	11/29/94	<10	<10	NA	NA	<0.005	<0.01	<0.005	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	E-2@24-26'	11/29/94	<10	<10	NA	NA	<0.005	<0.01	<0.005	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	E-3@4-6'	11/29/94	<10	<10	NA	NA	<0.005	<0.01	<0.005	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	E-3@9-11'	11/29/94	<10	<10	NA	NA	<0.005	<0.01	<0.005	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	E-3@14-16'	11/29/94	<10	<10	NA	NA	<0.005	<0.01	<0.005	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	E-3@19-21'	11/29/94	<10	<10	NA	NA	<0.005	<0.01	<0.005	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	E-3@24-26'	11/29/94	<10	<10	NA	NA	<0.005	<0.01	<0.005	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	E-4@4-6'	11/29/94	<10	<10	NA	NA	<0.005	<0.01	<0.005	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
E-4@9-11'	11/29/94	<10	<10	NA	NA	<0.005	<0.01	<0.005	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	
E-4@14-16'	11/29/94	<10	<10	NA	NA	<0.005	<0.01	<0.005	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	
E-4@19-21'	11/29/94	<10	<10	NA	NA	<0.005	<0.01	<0.005	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	
E-4@24-26'	11/29/94	<10	<10	NA	NA	<0.005	<0.01	<0.005	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	
USTs Removal Samples	B1A@14.5'	03/24/98	<0.5	NA	NA	NA	<0.005	<0.005	<0.005	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	B1B@14.5'	03/24/98	<0.5	NA	NA	NA	<0.005	<0.005	<0.005	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	B2A@14.5'	03/24/98	<0.5	<10	NA	<10	<0.005	<0.005	<0.005	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	B2B@14.5'	03/24/98	<0.5	<10	NA	<10	<0.005	<0.005	<0.005	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	B2C@14.5'	03/24/98	<0.5	<10	NA	<10	<0.005	<0.005	<0.005	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
WEST PARCEL - CLARIFIERS (Historical Paint/Steam Cleaning Areas)																							
PSII	HA-2@10'	08/04/94	<3	<3	<3	NA	<0.0013	<0.0013	<0.0013	<0.0013	<0.0013	0.0056J	<0.0026	<0.0013	<0.0013	<0.0013	<0.0013	<0.0013	<0.0013	<0.0026	0.0033	<0.0013	<0.0013
	HA-3@4.5'	08/04/94	<3	<3	<3	NA	<0.0013	<0.0013	<0.0013	<0.0013	<0.0013	0.003J	<0.0026	<0.0013	<0.0013	<0.0013	<0.0013	<0.0013	<0.0013	<0.0026	<0.0013	<0.0013	<0.0013
EAI	E-5@4-6'	11/29/94	NA	NA	NA	<5	<0.005	<0.01	<0.005	<0.005	<0.005	<0.005	<0.01	NA	NA	NA	NA	NA	NA	<0.025	NA	NA	NA
	E-5@9-11'	11/29/94	NA	NA	NA	<5	<0.005	<0.01	<0.005	<0.005	<0.005	<0.005	<0.01	NA	NA	NA	NA	NA	NA	<0.025	NA	NA	NA
	E-5@14-16'	11/29/94	NA	NA	NA	<5	<0.005	<0.01	<0.005	<0.005	<0.005	<0.005	<0.01	NA	NA	NA	NA	NA	NA	<0.025	NA	NA	NA
	E-5@19-21'	11/29/94	NA	NA	NA	11	<0.005	<0.01	<0.005	<0.005	<0.005	<0.005	<0.01	NA	NA	NA	NA	NA	NA	<0.025	NA	NA	NA
	E-6@4-6'	11/29/94	NA	NA	NA	11	<0.005	<0.01	<0.005	<0.005	<0.005	<0.005	<0.01	NA	NA	NA	NA	NA	NA	<0.025	NA	NA	NA
	E-6@9-11'	11/29/94	NA	NA	NA	<5	<0.005	<0.01	<0.005	<0.005	<0.005	<0.005	<0.01	NA	NA	NA	NA	NA	NA	<0.025	NA	NA	NA
	E-6@14-16'	11/29/94	NA	NA	NA	<5	<0.005	<0.01	<0.005	<0.005	<0.005	<0.005	<0.01	NA	NA	NA	NA	NA	NA	<0.025	NA	NA	NA
	E-6@19-21'	11/29/94	NA	NA	NA	<5	<0.005	<0.01	<0.005	<0.005	<0.005	<0.005	<0.01	NA	NA	NA	NA	NA	NA	<0.025	NA	NA	NA
E-6@24-26'	11/29/94	NA	NA	NA	<5	<0.005	<0.01	<0.005	<0.005	<0.005	<0.005	<0.01	NA	NA	NA	NA	NA	NA	<0.025	NA	NA	NA	
EAI	S-3@10'	02/10/99	NA	NA	NA	<10	<0.01	<0.01	<0.01	<0.01	<0.01	<0.05	NA	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	NA	<0.01	<0.01	<0.01
	S-4@10'	02/10/99	NA	NA	NA	<10	<0.01	<0.01	<0.01	<0.01	<0.01	<0.05	NA	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	NA	<0.01	<0.01	<0.01
	S-5@10'	02/10/99	NA	NA	NA	<10	<0.01	<0.01	<0.01	<0.01	<0.01	<0.05	NA	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	NA	<0.01	<0.01	<0.01
	S-6@10'	02/10/99	NA	NA	NA	<10	<0.01	<0.01	<0.01	<0.01	<0.01	<0.05	NA	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	NA	<0.01	<0.01	<0.01
	S-7@10'	02/10/99	NA	NA	NA	<10	<0.01	<0.01	<0.01	<0.01	<0.01	<0.05	NA	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	NA	<0.01	<0.01	<0.01
	S-8@10'	02/10/99	NA	NA	NA	<10	<0.01	<0.01	<0.01	<0.01	<0.01	<0.05	NA	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	NA	<0.01	<0.01	<0.01
	PH@6'	02/10/99	NA	NA	NA	<10	<0.01	<0.01	<0.01	<0.01	<0.01	<0.05	NA	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	NA	<0.01	<0.01	<0.01

TABLE 1
HISTORICAL (1994 - 1999) SOIL TESTING RESULTS - HYDROCARBONS
11630 - 11700 Burke Street, Santa Fe Springs, CA 90670
(concentrations in milligrams per kilogram - mg/kg)

Original in Color

Firm	Samples ID	Date	(8015M)			(418.1)	(8020/8240/8260B)																
			TPH-G	TPH-D	TPH-O	TRPH	Toluene	Xylenes	Ethyl benzene	PCE	TCE	Methylene Chloride	Acetone	TCFM	n-Butyl benzene	n-Propyl benzene	Naphthalene	p-Isopropyl toluene	sec-Butyl benzene	MEK	1,2,3-TCP	1,2,4-TMB	1,3,5-TMB
WEST PARCEL - MECHANICAL PIT																							
EAI	E-16@5'	12/01/94	NA	NA	NA	16	<0.005	<0.01	<0.005	<0.005	<0.005	<0.005	<0.005	<0.01	NA	NA	NA	NA	NA	<0.025	NA	NA	NA
	E-16@10'	12/01/94	NA	NA	NA	9	<0.005	<0.01	<0.005	<0.005	<0.005	<0.005	<0.005	<0.01	NA	NA	NA	NA	NA	<0.025	NA	NA	NA
WEST PARCEL - MAINTENANCE SHOP (Clarifier)																							
PSII	B-5@4'	08/03/94	<3		<3	11.7	NA	<0.0013	<0.0013	<0.0013	<0.0013	<0.0013	0.0064	<0.0026	<0.0013	<0.0013	<0.0013	<0.0013	<0.0013	<0.0026	<0.0013	<0.0013	<0.0013
EAI	E-17@5'	12/01/94	NA	NA	NA	9	<0.005	<0.01	<0.005	<0.005	<0.005	<0.005	<0.005	<0.01	NA	NA	NA	NA	NA	<0.025	NA	NA	NA
	E-17@10'	12/01/94	NA	NA	NA	13	<0.005	<0.01	<0.005	<0.005	<0.005	<0.005	<0.005	<0.01	NA	NA	NA	NA	NA	<0.025	NA	NA	NA
	E-17@15'	12/01/94	NA	NA	NA	6	<0.005	<0.01	<0.005	<0.005	<0.005	<0.005	<0.005	<0.01	NA	NA	NA	NA	NA	<0.025	NA	NA	NA
	E-17@20'	12/01/94	<10	<10	<10	98	<0.005	<0.01	<0.005	<0.005	<0.005	<0.005	<0.005	<0.01	NA	NA	NA	NA	NA	<0.025	NA	NA	NA
EAI	S-1@10'	02/10/99	NA	NA	NA	<10	<0.01	<0.01	<0.01	<0.01	<0.01	<0.05	NA	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	NA	<0.01	<0.01	<0.01
	S-2@10'	02/10/99	NA	NA	NA	<10	<0.01	<0.01	<0.01	<0.01	<0.01	<0.05	NA	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	NA	<0.01	<0.01	<0.01
WEST PARCEL - EQUIPMENT STORAGE (Stained Area)																							
PSII	HA-4@2'	08/04/94	<3	<3	<3	NA	<0.0013	<0.0013	<0.0013	<0.0013	<0.0013	0.0021	<0.0026	<0.0013	<0.0013	<0.0013	<0.0013	<0.0013	<0.0013	<0.0026	<0.0013	<0.0013	<0.0013
WEST PARCEL - REMOVED STORM WATER CLARIFIER																							
EAI	S-9@10'	02/10/99	NA	NA	NA	<10	<0.01	<0.01	<0.01	<0.01	<0.01	<0.05	NA	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	NA	<0.01	<0.01	<0.01
	S-10@10'	02/10/99	NA	NA	NA	<10	<0.01	<0.01	<0.01	<0.01	<0.01	<0.05	NA	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	NA	<0.01	<0.01	<0.01
EAST PARCEL - STORAGE SHED																							
PSII	HA-1@2'	08/03/94	<3,000	<3,000	30,000	NA	<0.0013	<0.0013	<0.0013	0.0011	<0.0013	<0.0013	0.1	<0.0013	<0.0013	<0.0013	<0.0013	<0.0013	<0.0013	0.0075	<0.0013	<0.0013	<0.0013
EAI	E-8@5-6'	11/30/94	NA	NA	NA	<5	<0.005	<0.01	<0.005	<0.005	<0.005	<0.005	<0.005	<0.01	NA	NA	NA	NA	NA	<0.025	NA	NA	NA
	E-8@10-11'	11/30/94	NA	NA	NA	<5	<0.005	<0.01	<0.005	<0.005	<0.005	<0.005	<0.005	<0.01	NA	NA	NA	NA	NA	<0.025	NA	NA	NA
	E-8@15-16'	11/30/94	NA	NA	NA	<5	<0.005	<0.01	<0.005	<0.005	<0.005	<0.005	<0.005	<0.01	NA	NA	NA	NA	NA	<0.025	NA	NA	NA
	E-8@20-21'	11/30/94	NA	NA	NA	<5	<0.005	<0.01	<0.005	<0.005	<0.005	<0.005	<0.005	<0.01	NA	NA	NA	NA	NA	<0.025	NA	NA	NA
	E-9@5-6'	11/30/94	NA	NA	NA	1,350	<0.005	0.025	<0.005	<0.005	<0.005	<0.005	<0.005	<0.01	NA	NA	NA	NA	NA	<0.025	NA	NA	NA
	E-9@10-11'	11/30/94	NA	NA	NA	18,900	1.45	3.37	0.384	0.061	0.033	<0.005	<0.005	<0.01	NA	NA	NA	NA	NA	<0.025	NA	NA	NA
	E-9@15-16'	11/30/94	NA	NA	NA	33,000	1.09	2.61	0.287	0.023	0.042	<0.005	<0.005	<0.01	NA	NA	NA	NA	NA	<0.025	NA	NA	NA
	E-9@20-21'	11/30/94	NA	NA	NA	16,500	0.017	0.0625	0.0075	0.059	<0.005	<0.005	<0.005	<0.01	NA	NA	NA	NA	NA	<0.025	NA	NA	NA
	E-9@24-25'	11/30/94	NA	NA	NA	15,600	<0.005	<0.01	<0.005	0.092	<0.005	<0.005	<0.005	<0.01	NA	NA	NA	NA	NA	<0.025	NA	NA	NA
	E-9@30-31'	11/30/94	NA	NA	NA	10,900	<0.005	<0.01	<0.005	0.104	<0.005	<0.005	<0.005	<0.01	NA	NA	NA	NA	NA	<0.025	NA	NA	NA
	E-11@5-6'	11/30/94	NA	NA	NA	NA	<0.005	<0.01	<0.005	<0.005	<0.005	<0.005	<0.005	<0.01	NA	NA	NA	NA	NA	<0.025	NA	NA	NA
E-11@10-11'	11/30/94	NA	NA	NA	NA	<0.005	<0.01	<0.005	<0.005	<0.005	<0.005	<0.005	<0.01	NA	NA	NA	NA	NA	<0.025	NA	NA	NA	
E-11@15-16'	11/30/94	NA	NA	NA	NA	<0.005	<0.01	<0.005	<0.005	<0.005	<0.005	<0.005	<0.01	NA	NA	NA	NA	NA	<0.025	NA	NA	NA	
EAST PARCEL - ABANDONED CLARIFIERS																							
PSII	B-6@10'	08/03/94	<3	<3	<3	NA	<0.0013	<0.0013	<0.0013	<0.0013	<0.0013	0.0071	0.0091	<0.0013	<0.0013	<0.0013	<0.0013	<0.0013	<0.0013	<0.0026	<0.0013	<0.0013	<0.0013
	B-7@10'	08/04/94	<3,000	<3,000	31,300	NA	<0.0013	<0.0013	<0.0013	0.0027	0.27	0.0043	0.24	<0.0013	0.520	0.150	0.190	0.570	0.22	<0.0026	<0.0013	1.6	0.230
	B-7@15'	08/04/94	<300	<300	12,330	NA	<0.0013	<0.0013	<0.0013	0.27	0.0061	0.0018	<0.0026	<0.0013	<0.0013	<0.0013	<0.0013	<0.0013	<0.0013	<0.0026	<0.0013	<0.0013	<0.0013
	B-7@20'	08/04/94	NA	NA	NA	NA	0.0028	<0.0013	<0.0013	0.47	0.0082	0.0016	<0.0026	0.0039	<0.0013	<0.0013	<0.0013	<0.0013	<0.0013	<0.0026	<0.0013	<0.0013	<0.0013
	B-7@25'	08/04/94	<300	<300	12,330	NA	<0.0013	<0.0013	<0.0013	0.57	0.0082	0.0016	<0.0026	<0.0013	<0.0013	<0.0013	<0.0013	<0.0013	<0.0013	<0.0026	<0.0013	<0.0013	<0.0013
B-7@35'	08/04/94	<3	<3	11.7	NA	<0.0013	<0.0013	<0.0013	<0.0013	<0.0013	0.0063	<0.0026	<0.0013	<0.0013	<0.0013	<0.0013	<0.0013	<0.0013	<0.0026	<0.0013	<0.0013	<0.0013	
EAI	E-7@0-1'	11/30/94	NA	NA	NA	2,710	<0.005	<0.01	<0.005	<0.005	<0.005	<0.005	<0.005	<0.01	NA	NA	NA	NA	NA	<0.025	NA	NA	NA
	E-7@7-8'	11/30/94	NA	NA	NA	82	<0.005	<0.01	<0.005	<0.005	<0.005	<0.005	<0.005	<0.01	NA	NA	NA	NA	NA	<0.025	NA	NA	NA
	E-7@15-16'	11/30/94	NA	NA	NA	<5	<0.005	<0.01	<0.005	<0.005	<0.005	<0.005	<0.005	<0.01	NA	NA	NA	NA	NA	<0.025	NA	NA	NA
	E-7@23-24'	11/30/94	NA	NA	NA	<5	<0.005	<0.01	<0.005	<0.005	<0.005	<0.005	<0.005	<0.01	NA	NA	NA	NA	NA	<0.025	NA	NA	NA
	E-7@31-32'	11/30/94	NA	NA	NA	<5	<0.005	<0.01	<0.005	<0.005	<0.005	<0.005	<0.005	<0.01	NA	NA	NA	NA	NA	<0.025	NA	NA	NA
	E-7@39-40'	11/30/94	NA	NA	NA	13	<0.005	<0.01	<0.005	<0.005	<0.005	<0.005	<0.005	<0.01	NA	NA	NA	NA	NA	<0.025	NA	NA	NA
	E-7@44-45'	11/30/94	NA	NA	NA	<5	<0.005	<0.01	<0.005	<0.005	<0.005	<0.005	<0.005	<0.01	NA	NA	NA	NA	NA	<0.025	NA	NA	NA

TABLE 1
HISTORICAL (1994 - 1999) SOIL TESTING RESULTS - HYDROCARBONS
11630 - 11700 Burke Street, Santa Fe Springs, CA 90670
 (concentrations in milligrams per kilogram - mg/kg)

Original in Color

Firm	Samples ID	Date	(8015M)			(418.1)	(8020/8240/8260B)																
			TPH-G	TPH-D	TPH-O	TRPH	Toluene	Xylenes	Ethyl benzene	PCE	TCE	Methylene Chloride	Acetone	TCFM	n-Butyl benzene	n-Propyl benzene	Naphthalene	p-Isopropyl toluene	sec-Butyl benzene	MEK	1,2,3-TCP	1,2,4-TMB	1,3,5-TMB
EAST PARCEL - ABANDONED CLARIFIERS																							
EAI	E-14@5'	12/01/94	NA	NA	NA	23	<0.005	<0.01	<0.005	<0.005	<0.005	<0.005	<0.005	<0.01	NA	NA	NA	NA	NA	<0.025	NA	NA	NA
	E-14@10'	12/01/94	NA	NA	NA	16	<0.005	<0.01	<0.005	<0.005	<0.005	<0.005	<0.005	<0.01	NA	NA	NA	NA	NA	<0.025	NA	NA	NA
	E-14@15'	12/01/94	NA	NA	NA	16	<0.005	<0.01	<0.005	<0.005	<0.005	<0.005	<0.005	<0.01	NA	NA	NA	NA	NA	<0.025	NA	NA	NA
	E-14@20'	12/01/94	NA	NA	NA	11	<0.005	<0.01	<0.005	<0.005	<0.005	<0.005	<0.005	<0.01	NA	NA	NA	NA	NA	<0.025	NA	NA	NA
	E-14@25'	12/01/94	NA	NA	NA	23	<0.005	<0.01	<0.005	<0.005	<0.005	<0.005	<0.005	<0.01	NA	NA	NA	NA	NA	<0.025	NA	NA	NA
	E-14@30'	12/01/94	NA	NA	NA	18	<0.005	<0.01	<0.005	<0.005	<0.005	<0.005	<0.005	<0.01	NA	NA	NA	NA	NA	<0.025	NA	NA	NA
	E-14@35'	12/01/94	NA	NA	NA	18	<0.005	<0.01	<0.005	<0.005	<0.005	<0.005	<0.005	<0.01	NA	NA	NA	NA	NA	<0.025	NA	NA	NA
	E-14@40'	12/01/94	NA	NA	NA	25	<0.005	<0.01	<0.005	<0.005	<0.005	<0.005	<0.005	<0.01	NA	NA	NA	NA	NA	<0.025	NA	NA	NA
	E-14@45'	12/01/94	NA	NA	NA	23	<0.005	<0.01	<0.005	<0.005	<0.005	<0.005	<0.005	<0.01	NA	NA	NA	NA	NA	<0.025	NA	NA	NA
	E-15@5'	12/01/94	NA	NA	NA	13	<0.005	<0.01	<0.005	<0.005	<0.005	<0.005	<0.005	<0.01	NA	NA	NA	NA	NA	<0.025	NA	NA	NA
	E-15@10'	12/01/94	NA	NA	NA	16	<0.005	<0.01	<0.005	<0.005	<0.005	<0.005	<0.005	<0.01	NA	NA	NA	NA	NA	<0.025	NA	NA	NA
	E-15@15'	12/01/94	NA	NA	NA	13	<0.005	<0.01	<0.005	<0.005	<0.005	<0.005	<0.005	<0.01	NA	NA	NA	NA	NA	<0.025	NA	NA	NA
	E-15@20'	12/01/94	NA	NA	NA	<5	<0.005	<0.01	<0.005	<0.005	<0.005	<0.005	<0.005	<0.01	NA	NA	NA	NA	NA	<0.025	NA	NA	NA
	E-15@25'	12/01/94	NA	NA	NA	18	<0.005	<0.01	<0.005	<0.005	<0.005	<0.005	<0.005	<0.01	NA	NA	NA	NA	NA	<0.025	NA	NA	NA
	E-15@30'	12/01/94	NA	NA	NA	9	<0.005	<0.01	<0.005	<0.005	<0.005	<0.005	<0.005	<0.01	NA	NA	NA	NA	NA	<0.025	NA	NA	NA
E-15@35'	12/01/94	NA	NA	NA	<5	<0.005	<0.01	<0.005	<0.005	<0.005	<0.005	<0.005	<0.01	NA	NA	NA	NA	NA	<0.025	NA	NA	NA	
E-15@40'	12/01/94	NA	NA	NA	6	<0.005	<0.01	<0.005	<0.005	<0.005	<0.005	<0.005	<0.01	NA	NA	NA	NA	NA	<0.025	NA	NA	NA	
E-15@45'	12/01/94	NA	NA	NA	<5	<0.005	<0.01	<0.005	<0.005	<0.005	<0.005	<0.005	<0.01	NA	NA	NA	NA	NA	<0.025	NA	NA	NA	
EAST PARCEL - HISTORICAL STAINED AREAS																							
PSII	B-1@2'	08/03/94	<3	<3	<3	NA	<0.0013	<0.0013	<0.0013	<0.0013	<0.0013	0.014	<0.0026	<0.0013	<0.0013	<0.0013	<0.0013	<0.0013	<0.0013	<0.0026	<0.0013	<0.0013	<0.0013
	B-2@2'	08/03/94	<3	<3	<3	NA	<0.0013	<0.0013	<0.0013	<0.0013	<0.0013	0.0053J	<0.0026	<0.0013	<0.0013	<0.0013	<0.0013	<0.0013	<0.0013	<0.0026	<0.0013	<0.0013	<0.0013
	B-3@2'	08/03/94	<3	<3	<3	NA	<0.0013	<0.0013	<0.0013	<0.0013	<0.0013	0.0098	<0.0026	<0.0013	<0.0013	<0.0013	<0.0013	<0.0013	<0.0013	<0.0026	<0.0013	<0.0013	<0.0013
	B-4@2'	08/03/94	<3	<3	<3	NA	<0.0013	<0.0013	<0.0013	<0.0013	<0.0013	0.0091	<0.0026	<0.0013	<0.0013	<0.0013	<0.0013	<0.0013	<0.0013	<0.0026	<0.0013	<0.0013	<0.0013
	B-8@2'	08/04/94	<60	<60	1,440	NA	<0.0013	<0.0013	<0.0013	<0.0013	<0.0013	0.0038J	0.14	<0.0013	<0.0013	<0.0013	<0.0013	<0.0013	<0.0013	0.027	<0.0013	<0.0013	<0.0013
EAI	E-10@5-6'	11/30/94	NA	NA	NA	10	<0.005	<0.01	<0.005	<0.005	<0.005	<0.005	<0.005	<0.01	NA	NA	NA	NA	NA	<0.025	NA	NA	NA
	E-10@10-11'	11/30/94	NA	NA	NA	<5	<0.005	<0.01	<0.005	<0.005	<0.005	<0.005	<0.005	<0.01	NA	NA	NA	NA	NA	<0.025	NA	NA	NA
	E-10@15-16'	11/30/94	NA	NA	NA	<5	<0.005	<0.01	<0.005	<0.005	<0.005	<0.005	<0.005	<0.01	NA	NA	NA	NA	NA	<0.025	NA	NA	NA
	E-10@20-21'	11/30/94	NA	NA	NA	<5	<0.005	<0.01	<0.005	<0.005	<0.005	<0.005	<0.005	<0.01	NA	NA	NA	NA	NA	<0.025	NA	NA	NA
	E-12@5-6'	11/30/94	NA	NA	NA	<5	<0.005	<0.01	<0.005	<0.005	<0.005	<0.005	<0.005	<0.01	NA	NA	NA	NA	NA	<0.025	NA	NA	NA
	E-12@10-11'	11/30/94	NA	NA	NA	<5	<0.005	<0.01	<0.005	<0.005	<0.005	<0.005	<0.005	<0.01	NA	NA	NA	NA	NA	<0.025	NA	NA	NA
	E-12@15-16'	11/30/94	NA	NA	NA	<5	<0.005	<0.01	<0.005	<0.005	<0.005	<0.005	<0.005	<0.01	NA	NA	NA	NA	NA	<0.025	NA	NA	NA
E-12@20-21'	11/30/94	NA	NA	NA	<5	<0.005	<0.01	<0.005	<0.005	<0.005	<0.005	<0.005	<0.01	NA	NA	NA	NA	NA	<0.025	NA	NA	NA	
EAI	SS-4@2' (a)	12/23/96	743	3,590	3,971	7,530	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	
MAXIMUM			743	3,590	31,300	33,000	1.45	3.37	0.384	0.51	0.27	0.014	0.24	0.0039J	0.52	0.15	0.19	0.57	0.22	0.027	0.0033	1.6	0.23
SSL		500	1,000	10,000	10,000	0.45	5.25	0.9	0.15	0.15	NE	NE	0.45	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE
SLCC-R		NE	NE	NE	NE	5,000	600	5.7	0.57	2.8	11	61,000	800	NE	NE	NE	NE	NE	NE	28,000	0.091	67	47
SLCC-I		NE	NE	NE	NE	46,000	2,600	29	2.7	14	54	610,000	3,400	NE	NE	NE	NE	NE	NE	190,000	0	280	200
CHHSL-R		NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE
CHHSL-I		NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE

TABLE 1
HISTORICAL (1994 - 1999) SOIL TESTING RESULTS - HYDROCARBONS
11630 - 11700 Burke Street, Santa Fe Springs, CA 90670
(concentrations in milligrams per kilogram - mg/kg)

Original in Color

Firm	Samples ID	Date	(8015M)			(418.1)	(8020/8240/8260B)														
			TPH-G	TPH-D	TPH-O	TRPH	Toluene	Xylenes	Ethyl benzene	PCE	TCE	Methylene Chloride	Acetone	TCFM	n-Butyl benzene	n-Propyl benzene	Naphthalene	p-Isopropyl toluene	sec-Butyl benzene	MEK	1,2,3-TCP

Only those VOCs detected are listed
 < = Not detected at laboratory reporting limit listed
 NA = Not analyzed for this chemical
 NE = Not established
 (a) = Sample was also analyzed for PCBs and SVOCs. No PCBs or SVOCs were detected
 SSL = Los Angeles RWQCB Soil Screening Levels - Guidance for VOC-Impacted Sites (March 1996) and Petroleum-Impacted Sites (May 1996)
 SLCC-R = EPA Region 9 - "Screening Level for Chemical Contaminants at Superfund Sites" - Residential Land Use (September 2008)
 SLCC-I = EPA Region 9 - "Screening Level for Chemical Contaminants at Superfund Sites" - Commercial/Industrial Land Use (September 2008)
 CHHSL-R = Cal-EPA - "California Human Health Screening Levels in Evaluation of Contaminated Properties" - Residential Land Use (January 2005)
 CHHSL-I = Cal-EPA - "California Human Health Screening Levels in Evaluation of Contaminated Properties" - Commercial/Industrial Land Use (January 2005)
 J = Estimated concentration
 0.27 = Concentration detected exceeds SSL. However, soil was excavated as part of the remediation efforts completed by BEA in 2006
 0.51 = Concentration detected exceeds SSL

TABLE 2
HISTORICAL (1994 - 1996) SOIL TESTING RESULTS - TITLE 22 METALS
11630 - 11700 Burke Street, Santa Fe Springs, CA 90670
 (concentrations in milligrams per kilogram - mg/kg)

Original in Color

Firm	Samples ID	Date	Antimony	Arsenic	Barium	Beryllium	Cadmium	Total Chromium	Cobalt	Copper	Lead	Mercury	Molybdenum	Nickel	Selenium	Silver	Thallium	Vanadium	Zinc
WEST PARCEL - CLARIFIERS (Historical Paint/Steam Cleaning Areas)																			
PSII	HA-2@10'	08/04/94	<4	<4	117	0.8	<0.2	28.7	14.4	28.1	19	<0.002	<0.4	<0.7	<3.5	<0.3	<10	51.7	58.7
	HA-3@4.5'	08/04/94	<4	<4	191	1.1	<0.2	40.8	17.8	31.1	26	0.05	1.9	23.4	<3.5	<0.3	<10	65.9	121
WEST PARCEL - MAINTENANCE SHOP																			
PSII	B-5@4'	08/03/94	<4		119	0.7	<0.2	21.6	12.2	18.5	15	<0.02	<0.4	14.8	<3.5	<0.3	<10	41.4	46.4
WEST PARCEL - EQUIPMENT STORAGE (Stained Area)																			
PSII	HA-4@2'	08/04/94	<4	<4	112	0.8	<0.2	24	13.1	17.2	16	<0.02	<0.4	14.7	<3.5	<0.3	<10	46.3	51
EAST PARCEL - STORAGE SHED																			
PSII	HA-1@2'	08/03/94	<4	<4	111	0.6	<0.2	26.8	12.6	18.1	28	0.02	<0.4	13.1	<3.5	<0.3	<10	31.1	56.4
EAST PARCEL - ABANDONED CLARIFIERS																			
PSII	B-6@10'	08/03/94	<4		224	0.8	<0.2	36.6	17.4	31.5	26	0.04	<0.4	24.5	<3.5	0.4	<10	62.1	66.7
	B-7@10'	08/04/94	<4		193	0.7	<0.2	30.7	15.4	39.1	22	<0.02	<0.4	22.9	<3.5	<0.3	<10	47.5	87.6
	B-7@15'	08/04/94	<4	<4	54.9	0.4	<0.2	9.4	5.3	12.1	<3	<0.02	<0.4	7	<3.5	<0.3	<10	18.8	27.2
	B-7@25'	08/04/94	<4	<4	43.2	0.2	<0.2	7.8	4.4	15	6	<0.02	<0.4	6	<3.5	<0.3	<10	16.7	27
	B-7@35'	08/04/94	<4		188	0.9	<0.2	30.4	19.4	44.4	27	0.09	<0.4	25.5	<3.5	0.3	<10	67.9	83.2
EAST PARCEL - HISTORICAL STAINED AREAS																			
PSII	B-1@2'	08/03/94	<4		259	1.1	<0.2	45	21.9	50.4	31	0.02	2.4	32.2	<3.5	<0.3	<10	79.8	78.2
	B-2@2'	08/03/94	<4	<4	136	5.6	<0.2	<0.2	12.4	21.6	12	<0.002	<0.4	<0.7	<3.5	<0.3	<10	42.5	53.1
	B-3@2'	08/03/94	<4		127	1.1	<0.2	39.5	19.1	30.4	30	<0.002	2.1	25.8	<3.5	<0.3	<10	75.1	74.9
	B-4@2'	08/03/94	<4		111	0.6	<0.2	18.3	7	17.5	14	0.02	1.5	10.4	<3.5	<0.3	<10	32.5	40
	B-8@2'	08/04/94	<4	<4	148	0.6	1	71.1	46.2	113	47	0.05	36.8	100	<3.5	<0.3	<10	36.4	85.3
EAI																			
	SS-1@3"	12/23/96	NA	<5	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	SS-2@3"	12/23/96	<6	<5	77.3	<0.6	1.9	12.8	4.7	13.5	<6	<0.25	<2.5	6	<8	<2.5	<8	24.7	27
	SS-3@3"	12/23/96	NA	<5	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	SS-5@1'-2'	12/23/96	NA	<5	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	MAXIMUM		ND	55	259	5.6	1.9	71.1	46.2	113	47	0.09	36.8	100	ND	0.4	ND	79.8	121

SSL	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE
SLCC-R	31	0.39	15,000	160	70	120,000	23	3,100	400	23	390	1,600	390	390	5.1	390	23,000		
SLCC-I	410	1.6	190,000	2,000	810	150,000	300	41,000	800	310	5,100	20,000	5,100	5,100	66	5,200	310,000		
CHHSL-R	30	0.07	5,200	150	1.7	100,000	660	3,000	150	18	380	1,600	380	380	5.0	530	23,000		
CHHSL-I	380	0.24	63,000	1,700	7.5	100,000	3,200	38,000	3,500	180	4,800	16,000	4,800	4,800	63	6,700	100,000		

< = Not detected at laboratory reporting limit listed
 NA = Not analyzed for this chemical
 NE = Not established
 SSL = Los Angeles RWQCB Soil Screening Levels - Guidance for VOC-Impacted Sites (March 1996) and Petroleum-Impacted Sites (May 1996)
 SLCC-R = EPA Region 9 - "Screening Level for Chemical Contaminants at Superfund Sites" - Residential Land Use (September 2008)
 SLCC-I = EPA Region 9 - "Screening Level for Chemical Contaminants at Superfund Sites" - Commercial/Industrial Land Use (September 2008)
 CHHSL-R = Cal-EPA - "California Human Health Screening Levels in Evaluation of Contaminated Properties" - Residential Land Use (January 2005)
 CHHSL-I = Cal-EPA - "California Human Health Screening Levels in Evaluation of Contaminated Properties" - Commercial/Industrial Land Use (January 2005)
 46.2 = Concentration detected exceeds SLCC-R, SLCC-I, CHHSL-R and CHHSL-I standards
 46.2 = Concentration detected exceeds SLCC-R or CHHSL-R standards, but is below SLCC-I and CHHSL-I standards

TABLE 3
SUMMARY OF GROUND WATER ELEVATION AND TESTING RESULTS - HYDROCARBONS
11630 - 11700 Burke Street, Santa Fe Springs, CA 90670
(concentrations in micrograms per liter - ug/L)

Well	Date	Well Casing Elevation (feet MSL)	Depth to Ground Water (feet bgs)	Ground Water Elevation (feet MSL)	TPH-G	TPH-D	TPH-O	Toluene	Xylenes	Chloroform	Carbon Tetra-chloride	cis-1,2-DCE	trans-1,2-DCE	1,1,1-TCA	1,1-DCA	1,2-DCA	1,1-DCE	TCE	PCE
MW-1	10/05/95	152.83	35.83	117.00	NA	NA	NA	<1	<2	1.9	<1	<1	<1	1.4	<1	<1	2.2	7.4	158
	01/13/97		38.33	114.50	NA	NA	NA	1.9	2.7	4.5	2.1	<0.5	<0.5	1.3	<0.5	0.5	4.3	11.4	93
	02/19/09		DRY		NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
	07/14/09	155.19*	DRY		NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
MW-2	01/13/97	149.66	32.14	117.52	NA	NA	NA	<0.5	<1.0	1.5	<0.5	<0.5	<0.5	7.9	1.3	<0.5	33.2	14.3	296
	02/19/09		39.70	109.96	<50	<500	<3,000	<1	<2	<1	<1	<1	<1	<1	<1	<1	<1	<1	7.19
	07/14/09	152.01*	41.27	110.74	<50	<500	NA	<1	<2	<1	<1	<1	<1	<1	<1	<1	<1	<1	8.92
MW-3	07/14/09	155.22*	68.67	86.55	<50	<500	NA	<1	<2	36.1	2.1	<1	<1	<1	<1	<1	<1	4.16	25.4
MW-4	07/14/09	155.07*	70.05	85.02	<50	<500	NA	<1	<2	4.11	2.1	1.52	1.22	<1	<1	<1	<1	4.05	11.4
Maximum Contaminant Level					NE	NE	NE	150	1,750	NE	0.5	NE	NE	200	5	0.5	6	5	5

Only those volatile organic compounds detected are listed. Sample collected from well MW-2 on February 19, 2009 also analyzed for ETBE, DIPE, MTBE, TAME, TBA and Ethanol

Elevations for wells MW-1 and MW-2 based on established elevation (151.71 feet MSL) for off-site Phibro-Tech well MW-3

* = Surveyed to LA County Department of Public Works Bench Mark #Y-6668 by Evans Land Surveying on July 6, 2009.

NA = Not analyzed for this chemical

NS = Not sampled

< = Not detected at laboratory report limit listed

NE= Not Established

Concentration detected exceeds MCL

TABLE 4
SUMMARY OF GROUND WATER TESTING RESULTS - METALS
11630 - 11700 Burke Street, Santa Fe Springs, CA 90670
(concentrations in milligrams per liter - mg/L)

Well	Date	Antimony	Arsenic	Barium	Beryllium	Cadmium	Total Chromium	Hexavalent Chromium	Cobalt	Copper	Lead	Mercury	Molybdenum	Nickel	Selenium	Silver	Thallium	Vanadium	Zinc
MW-1	10/05/95	<0.1	<0.1	0.38	<0.01	<0.02	0.06	NA	<0.03	<0.05	<0.12	<0.005	<0.05	<0.04	<0.1	<0.02	<0.16	0.07	0.09
	01/13/97	<0.1	<0.1	0.52	<0.01	<0.02	0.08	NA	<0.03	0.07	<0.12	<0.005	<0.05	<0.04	<0.1	<0.02	<0.16	0.13	0.15
	02/19/09	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
	07/14/09	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
MW-2	01/13/97	<0.1	<0.1	0.44	<0.01	<0.02	0.09	NA	0.04	0.08	<0.12	<0.0005	<0.05	0.05	<0.1	<0.02	<0.16	0.14	0.19
	02/19/09	NA	NA	NA	NA	NA	<0.01	0.0039	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	07/14/09	NA	NA	NA	NA	NA	0.061	0.00432	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
MW-3	07/14/09	NA	NA	NA	NA	NA	<0.01	<0.0002	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
MW-4	07/14/09	NA	NA	NA	NA	NA	<0.01	0.00443	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA

Ground water samples collected on January 13, 1997 were also analyzed on a filtered basis. No metals were detected in the filtered ground water samples

< = Not detected at laboratory reporting limit listed

NA = Not analyzed for this chemical

NS = Not sampled - well dry

TABLE 5
SOIL TESTING RESULTS - BEA REMEDIATION AUGUST 2006
11630 - 11700 Burke Street, Santa Fe Springs, CA 90670
(concentrations in milligrams per kilogram - mg/kg)

Sample ID	Date	(8015M)			(8260B)		(6010B/7471A)									
		TPH-G	TPH-D	TPH-O	Toluene	Xylenes	Arsenic	Barium	Total Chromium	Cobalt	Copper	Lead	Molybdenum	Nickel	Vanadium	Zinc
B-7@5'	08/16/06	<0.5	<5	<50	<0.002	<0.004	NA	200	62	17	17	7.6	<2	29	105	80
B-7@10'	08/16/06	<0.5	<5	<50	<0.002	<0.004	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
B-7@15'	08/16/06	<0.5	<5	<50	<0.002	<0.004	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
B-7@18'	08/16/06	<0.5	<5	<50	<0.002	<0.004	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
B-7West@5'	08/16/06	<0.5	<5	<50	<0.002	<0.004	4.7	170	53	14	15	6.4	<2	24	86	70
B-7West@10'	08/16/06	<0.5	<5	<50	<0.002	<0.004	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
B-7West@15'	08/16/06	<0.5	<5	<50	<0.002	<0.004	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
B-7West@18'	08/16/06	<0.5	<5	<50	<0.002	<0.004	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
B-7East@5'	08/16/06	<0.5	<5	<50	<0.002	<0.004	5.9	163	46	11	17	6.1	<2	22	81	61
B-7East@10'	08/16/06	<0.5	<5	<50	<0.002	<0.004	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
B-7East@15'	08/16/06	<0.5	<5	<50	<0.002	<0.004	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
B-7East@20'	08/16/06	<0.5	<5	<50	<0.002	<0.004	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
E-9West@5'	08/17/06	<0.5	146	183	<0.002	<0.004	NA	159	43	22	47	46	3.3	52	87	101
E-9West@10'	08/17/06	<0.5	5.2	<50	<0.002	<0.004	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
E-9West@15'	08/17/06	<0.5	<5	<50	<0.002	<0.004	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
E-9West@20'	08/17/06	<0.5	<5	<50	<0.002	<0.004	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
E-9Center@5'	08/17/06	<0.5	<5	<50	<0.002	<0.004	NA	118	18	12	16	6.3	<2	17	77	54
E-9Center@10'	08/17/06	<0.5	8.8	<50	0.0046	0.0056	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
E-9Center@15'	08/17/06	<0.5	<5	<50	<0.002	<0.004	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
E-9Center@20'	08/17/06	<0.5	<5	<50	<0.002	<0.004	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
E-9East@2'	08/17/06	<0.5	<5	<50	<0.002	<0.004	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
E-9East@5'	08/17/06	<0.5	84	30J	<0.002	<0.004	NA	115	20	14	37	16	13	97	64	69
E-9East@10'	08/17/06	<0.5	<5	<50	<0.002	<0.004	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
E-9East@15'	08/17/06	<0.5	<5	<50	<0.002	<0.004	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
E-9East@20'	08/17/06	<0.5	<5	<50	<0.002	<0.004	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA

TABLE 5
SOIL TESTING RESULTS - BEA REMEDIATION AUGUST 2006
11630 - 11700 Burke Street, Santa Fe Springs, CA 90670
 (concentrations in milligrams per kilogram - mg/kg)

Sample ID	Date	(8015M)			(8260B)		(6010B/7471A)									
		TPH-G	TPH-D	TPH-O	Toluene	Xylenes	Arsenic	Barium	Total Chromium	Cobalt	Copper	Lead	Molybdenum	Nickel	Vanadium	Zinc
MAXIMUM		ND	146	183	0.0046	0.0056	5.8	200	62	22	47	46	13	97	105	101
SSL		500	1,000	10,000	0.45	5.25	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE
SLCC-R		NE	NE	NE	5,000	600	0.39	15,000	120,000	23	3,100	400	390	1,600	390	23,000
SLCC-I		NE	NE	NE	46,000	2,600	1.6	190,000	150,000	300	41,000	800	5,100	20,000	5,200	310,000
CHHSL-R		NE	NE	NE	NE	NE	0.07	5,200	100,000	660	3,000	150	380	1,600	530	23,000
CHHSL-I		NE	NE	NE	NE	NE	0.24	63,000	100,000	3,200	38,000	3,500	4,800	16,000	6,700	100,000

Only those VOCs (including fuel oxygenates) and Title 22 Metals detected are listed

< = Not detected at laboratory reporting limit listed

NA = Not analyzed for this chemical

ND = Not detected. Detection limits ranged from 0.005 mg/kg to 0.05 mg/kg

NE = Not established

TPH-G = Total Petroleum Hydrocarbons as Gasoline

TPH-D = Total Petroleum Hydrocarbons as Diesel

TPH-O = Total Petroleum Hydrocarbons as Oil

SSL = Los Angeles RWQCB Soil Screening Levels - Guidance for VOC-Impacted Site (March 1996) and Petroleum-Impacted Sites (May 1996)

SLCC-R = EPA Region 9 - "Screening Level for Chemical Contaminants at Superfund Sites" - Residential Land Use (September 2008)

SLCC-I = EPA Region 9 - "Screening Level for Chemical Contaminants at Superfund Sites" - Commercial/Industrial Land Use (September 2008)

CHHSL-R = Cal-EPA - "California Human Health Screening Levels in Evaluation of Contaminated Properties" - Residential Land Use (January 2005)

CHHSL-I = Cal-EPA - "California Human Health Screening Levels in Evaluation of Contaminated Properties" - Commercial/Industrial Land Use (January 2005)

Concentration detected exceeds SLCC-R, SLCC-I, CHHSL-R and CHHSL-I standards

TABLE 6
SOIL TESTING RESULTS - EAI SUBSURFACE UNITS REMOVAL FEBRUARY 2009
11630-1170 Burke Street, Santa Fe Springs, CA 90670
(concentrations in milligrams per kilogram - mg/kg)

Original in Color

		Subsurface Unit No.		(8015M)			(8260B)										(8270C)		(8082)		(6010R/7471A)											
Sample ID	Date	TPH-G	TPH-D	TPH-O	Acetone	Ethyl-benzene	Isopropyl-benzene	Toluene	1,2,4-TMB	1,3,5-TMB	Total Xylenes	n-Butyl benzene	sec-Butyl benzene	n-Propyl benzene	Naphthalene	4-Isopropyl toluene	Bis(2-Ethylhexyl) Phthalate	All PCBs	Arsenic	Barium	Cadmium	Total Chromium	Cobalt	Copper	Lead	Mercury	Molybdenum	Nickel	Vanadium	Zinc		
EXCAVATION SOIL SAMPLES																																
Sample 2@6'	02/10/09	3	<0.1	<10	<50	<0.020	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.50	NA	3.92	160	<0.5	25.8	8.78	23.8	4.93	<0.01	<5.0	20.0	50.2	52.4		
Sample 3@10'	02/10/09	3	<0.1	<10	<50	<0.020	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.50	NA	2.85	176	<0.5	28.0	9.79	26.1	5.92	<0.01	<5.0	22.3	51.6	56.9		
Sample 4@15'	02/10/09	3	12.4	4,940	7,100	0.071	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	0.027	0.015	0.007	0.021	0.011	<0.50	NA	1.54	99.2	<0.5	14.5	4.82	15.6	2.46	<0.01	<5.0	12.3	28.5	38.3
Sample 5@5'	02/10/09	4 & 5	<0.1	<10	<50	<0.020	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.50	NA	0.870	144	<0.5	22.7	6.68	14.8	2.88	<0.01	<5.0	15.8	39.9	50.5	
Sample 6@4'	02/10/09	4 & 5	<0.1	<10	<50	<0.020	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.50	NA	0.3	177	<0.5	30.0	9.37	18.7	6.16	0.167	<5.0	20.2	52.4	56.8	
Sample 7@4'	02/11/09	4 & 5	<0.1	<10	<50	<0.020	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.50	NA	<0.3	163	<0.5	25.2	8.20	17.4	5.00	<0.01	<5.0	17.2	47.4	49.8	
Sample 8@9'	02/11/09	4 & 5	<0.1	<10	<50	<0.020	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.50	NA	<0.3	155	<0.5	28.0	8.81	23.2	5.87	<0.01	<5.0	20.2	52.2	54.6	
Sample 9@4'	02/11/09	4 & 5	<0.1	<10	<50	<0.020	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.50	NA	<0.3	145	<0.5	26.1	8.22	16.1	4.71	<0.01	<5.0	16.7	47.6	53.2	
Sample 10@9'	02/11/09	4 & 5	<0.1	<10	<50	<0.020	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.50	NA	<0.3	176	<0.5	28.9	9.06	26.4	6.27	<0.01	<5.0	21.4	54.7	57.9	
Sample 11@4'	02/11/09	4 & 5	<0.1	<10	<50	<0.020	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.50	NA	<0.3	118	<0.5	20.0	6.52	14.3	3.67	<0.01	<5.0	13.9	37.2	46.1	
SEDIMENT		MAXIMUM	12.4	4,940	7,100	0.071	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	0.027	0.015	0.007	0.021	0.011	<0.50	NA	3.92	177	<0.5	30	9.79	26.4	6.27	0.167	0	22.3	54.7	57.9
Sediment																																
Sediment	02/11/09	4 & 5	<0.1	<10	<50	<0.020	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.50	NA	<0.200	102	3.16	113	59.5	99.4	81.8	0.0099	<5.0	27.2	22.0	699	
MAXIMUM			<0.1	<10	<50	<0.020	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.50	NA	<0.200	102	3.16	113	59.5	99.4	81.8	0.0099	<5.0	27.2	22.0	699	
STOCKPILE SOIL SAMPLES																																
ESP-1	01/28/09	--	<0.100	<10	<50	<0.020	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.50	<0.01	4.27	193	<0.5	27.2	9.37	32.8	7.79	<0.01	<5.0	21.3	27.4	69.2		
ESP-2	01/28/09	--	<0.100	<10	<50	<0.020	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.50	0.552	<0.01	3.56	141	<0.5	21.3	7.69	26.2	6.06	<0.01	<5.0	15.8	37.7	59.2	
Stockpile C	02/11/09	--	<0.100	<10	<50	<0.020	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.50	<0.50	<0.3	157	<0.5	29.1	9.54	23.4	5.93	0.0668	<5.0	21.0	52.6	56.1		
Stockpile D	02/11/09	--	527	7,960	8,000	<0.020	0.884	0.610	2.31	27.0	4.51	8.27	3.53	2.25	2.03	4.31	3.73	17.2	<0.50	<0.3	142	<0.5	224	9.91	973	41.8	0.167	13.0	25.7	31.3	215	
MAXIMUM			527	7,960	8,000	<0.020	0.884	0.610	2.31	27.0	4.51	8.27	3.53	2.25	2.03	4.31	3.73	17.2	<0.50	4.27	193	<0.5	224	9.91	973	41.8	0.167	13.0	25.7	31.3	215	
SSL																																
SSL	500	1,000	10,000	NE	0.9	NE	0.45	NE	NE	5.25	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	
SLCC-R	NE	NE	NE	61,000	5.7	2,200	5,000	87	NE	600	NE	NE	NE	NE	NE	NE	NE	35	0.17	0.39	15,000	70	120,000	23	3,100	400	23	390	1,600	390	23,000	
SLCC-I	NE	NE	NE	610,000	29	11,000	46,000	400	NE	2,600	NE	NE	NE	NE	NE	NE	NE	120	0.62	1.6	190,000	810	150,000	300	41,000	800	310	5,100	20,000	5,200	310,000	
CHHSL-R	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	0.089	0.07	5,200	1.7	100,000	660	3,000	150	18	380	1,600	530	23,000	
CHHSL-I	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	0.30	0.24	63,000	7.5	100,000	3,200	38,000	3,500	180	4,800	16,000	6,700	100,000	
Only those chemicals detected are listed																																
< = Not detected at laboratory reporting limit listed																																
ND = Not detected																																
NE = Not established																																
SSL = Los Angeles RWQCB Soil Screening Levels - Guidance for VOC-Impacted Sites (March 1996) and Petroleum-Impacted Sites (May 1996)																																
SLCC-R = EPA Region 9 - "Screening Level for Chemical Contaminants at Superfund Sites" - Residential Land Use (September 2008)																																
SLCC-I = EPA Region 9 - "Screening Level for Chemical Contaminants at Superfund Sites" - Commercial/Industrial Land Use (September 2008)																																
CHHSL-R = Cal-EPA - "California Human Health Screening Levels in Evaluation of Contaminated Properties" - Residential Land Use (January 2005)																																
CHHSL-I = Cal-EPA - "California Human Health Screening Levels in Evaluation of Contaminated Properties" - Commercial/Industrial Land Use (January 2005)																																
32 = Concentration detected exceeds SLCC-R, CHHSL-I or SSL standards																																
462 = Concentration detected exceeds SLCC-R or CHHSL-R standards, but is below SLCC-I and/or CHHSL-I standards																																

Only those chemicals detected are listed

< = Not detected at laboratory reporting limit listed

ND = Not detected

NE = Not established

SSL = Los Angeles RWQCB Soil Screening Levels - Guidance for VOC-Impacted Sites (March 1996) and Petroleum-Impacted Sites (May 1996)

SLCC-R = EPA Region 9 - "Screening Level for Chemical Contaminants at Superfund Sites" - Residential Land Use (September 2008)

SLCC-I = EPA Region 9 - "Screening Level for Chemical Contaminants at Superfund Sites" - Commercial/Industrial Land Use (September 2008)

CHHSL-R = Cal-EPA - "California Human Health Screening Levels in Evaluation of Contaminated Properties" - Residential Land Use (January 2005)

CHHSL-I = Cal-EPA - "California Human Health Screening Levels in Evaluation of Contaminated Properties" - Commercial/Industrial Land Use (January 2005)

32 = Concentration detected exceeds SLCC-I, CHHSL-I or SSL standards

46.2 = Concentration detected exceeds SLCC-R or CHHSL-R standards, but is below SLCC-I and/or CHHSL-I standards

TABLE 7
SOIL GAS TESTING RESULTS - VOCs EPA METHOD 8260B
11630 - 11700 Burke Street, Santa Fe Springs, CA 90670
(concentrations in micrograms per liter - ug/L)

Sample ID	Date	Benzene	Toluene	Ethylbenzene	Xylenes	Chloroform	CTC	TCE	PCE
A4@5'	02/23/09	0.26	<1.0	<0.50	<0.50	<0.10	<0.10	<0.10	<0.10
A4@15'	02/23/09	0.15	<1.0	<0.50	<0.50	<0.10	<0.10	<0.10	2.9
A4@15' D	02/23/09	0.10	<1.0	<0.50	<0.50	<0.10	<0.10	<0.10	2.4
A5@5'	02/23/09	<0.10	<1.0	<0.50	<0.50	<0.10	<0.10	<0.10	<0.10
A5@15'	02/23/09	<0.10	<1.0	<0.50	<0.50	<0.10	<0.10	<0.10	2.4
B1@5'	02/24/09	<0.10	<1.0	<0.50	<0.50	<0.10	<0.10	<0.10	0.18
B1@5' D	02/24/09	<0.10	<1.0	<0.50	<0.50	<0.10	<0.10	<0.10	0.10
B1@15'	02/24/09	<0.10	<1.0	<0.50	<0.50	<0.10	<0.10	0.15	6.6
B2@5'	02/24/09	0.11	<1.0	<0.50	<0.50	<0.10	<0.10	<0.10	0.47
B2@15'	02/24/09	<0.10	<1.0	<0.50	<0.50	<0.10	<0.10	0.36	12
B3@5'	02/24/09	<0.10	<1.0	<0.50	<0.50	<0.10	<0.10	<0.10	0.34
B3@15'	02/24/09	<0.10	<1.0	<0.50	<0.50	<0.10	<0.10	0.59	14
B4@5'	02/23/09	<0.10	<1.0	<0.50	<0.50	<0.10	<0.10	<0.10	0.17
B4@15'	02/23/09	0.16	<1.0	<0.50	<0.50	<0.10	<0.10	0.59	9.4
B5@5'	02/24/09	<0.10	<1.0	<0.50	<0.50	<0.10	<0.10	<0.10	0.24
B5@15'	02/24/09	<0.10	<1.0	<0.50	<0.50	<0.10	<0.10	0.56	9.3
B6@5'	02/24/09	<0.10	<1.0	<0.50	<0.50	<0.10	<0.10	<0.10	<0.10
B6@15'	02/24/09	<0.10	<1.0	<0.50	<0.50	<0.10	<0.10	0.41	5.4
C1@5'	02/24/09	<0.10	<1.0	<0.50	<0.50	<0.10	<0.10	<0.10	0.46
C1@15'	02/24/09	<0.10	<1.0	<0.50	<0.50	<0.10	<0.10	0.12	7.9
C2@5'	02/24/09	<0.10	<1.0	<0.50	<0.50	<0.10	<0.10	<0.10	0.27
C2@15'	02/24/09	<0.10	<1.0	<0.50	<0.50	<0.10	<0.10	0.35	5.8
C3@5'	02/24/09	<0.10	<1.0	<0.50	<0.50	<0.10	<0.10	<0.10	0.42
C3@15'	02/24/09	<0.10	<1.0	<0.50	<0.50	<0.10	<0.10	2.3	16
C4@5'	02/24/09	<0.10	<1.0	<0.50	<0.50	<0.10	<0.10	<0.10	<0.10
C4@15'	02/23/09	<0.10	<1.0	<0.50	<0.50	<0.10	<0.10	0.75	4.6
C4@15' D	02/23/09	<0.10	<1.0	<0.50	<0.50	<0.10	<0.10	0.75	4.7
C5@5'	02/23/09	<0.10	<1.0	<0.50	<0.50	<0.10	<0.10	<0.10	0.19
C5@15'	02/23/09	<0.10	<1.0	<0.50	<0.50	<0.10	<0.10	0.49	4.1
C6@5'	02/23/09	<0.10	<1.0	<0.50	<0.50	<0.10	<0.10	<0.10	<0.10
C6@15'	02/23/09	<0.10	<1.0	<0.50	<0.50	<0.10	<0.10	0.34	2.2
D1@5'	02/23/09	<0.10	<1.0	<0.50	<0.50	<0.10	<0.10	<0.10	0.19
D1@15'	02/23/09	<0.10	<1.0	<0.50	<0.50	<0.10	<0.10	<0.10	2.4

TABLE 7
SOIL GAS TESTING RESULTS - VOCs EPA METHOD 8260B
11630 - 11700 Burke Street, Santa Fe Springs, CA 90670
(concentrations in micrograms per liter - ug/L)

Sample ID	Date	Benzene	Toluene	Ethylbenzene	Xylenes	Chloroform	CTC	TCE	PCE
D2@5'	02/23/09	0.16	<1.0	<0.50	<0.50	<0.10	<0.10	<0.10	<0.10
D2@15'	02/23/09	0.11	<1.0	<0.50	<0.50	<0.10	<0.10	0.36	6.1
D3@5'	02/23/09	<0.10	<1.0	<0.50	<0.50	<0.10	<0.10	<0.10	<0.10
D3@15'	02/23/09	<0.10	<1.0	<0.50	<0.50	<0.10	<0.10	3.7	9.9
D4@5'	02/23/09	<0.10	<1.0	<0.50	<0.50	<0.10	<0.10	<0.10	0.36
D4@15'	02/23/09	0.12	<1.0	<0.50	<0.50	<0.10	0.12	3.1	17
D5@5'	02/23/09	0.15	<1.0	<0.50	<0.50	<0.10	<0.10	<0.10	<0.10
D5@15'	02/23/09	0.13	<1.0	<0.50	<0.50	<0.10	0.17	0.67	4.0
D6@5'	02/23/09	0.14	<1.0	<0.50	<0.50	<0.10	<0.10	<0.10	<0.10
D6@15'	02/23/09	0.12	<1.0	<0.50	<0.50	<0.10	<0.10	<0.10	0.50
E1@5' (PV 1)	02/23/09	<0.10	<1.0	<0.50	<0.50	<0.10	<0.10	<0.10	0.15
E1@5' (PV 3)	02/23/09	<0.10	<1.0	<0.50	<0.50	<0.10	<0.10	<0.10	0.16
E1@5' (PV 7)	02/23/09	<0.10	<1.0	<0.50	<0.50	<0.10	<0.10	<0.10	0.14
E1@15'	02/23/09	0.11	<1.0	<0.50	<0.50	<0.10	<0.10	<0.10	6.8
E2@5'	02/23/09	0.12	<1.0	<0.50	<0.50	<0.10	<0.10	<0.10	<0.10
E2@15'	02/23/09	<0.10	<1.0	<0.50	<0.50	<0.10	<0.10	0.16	6.0
E3@5'	02/23/09	<0.10	<1.0	<0.50	<0.50	<0.10	<0.10	<0.10	<0.10
E3@15'	02/23/09	<0.10	<1.0	<0.50	<0.50	<0.10	<0.10	<0.10	0.88
E4@5'	02/23/09	0.18	<1.0	<0.50	<0.50	<0.10	<0.10	<0.10	<0.10
E4@15'	02/23/09	<0.10	1.0	0.65	3.22	0.15	0.12	1.7	5.8
E5@5'	02/23/09	0.13	<1.0	<0.50	<0.50	<0.10	<0.10	<0.10	<0.10
E5@15'	02/23/09	0.10	<1.0	<0.50	<0.50	0.13	<0.10	0.45	0.8

Only those volatile organic compounds detected are listed

< = Not detected at laboratory reporting limit listed

D = Duplicate sample

PV = Purge volume

CTC = Carbon Tetrachloride

TCE = Trichloroethene

PCE = Tetrachloroethene

TABLE 7
SOIL GAS TESTING RESULTS - VOCs EPA METHOD 8260B
11630 - 11700 Burke Street, Santa Fe Springs, CA 90670
(concentrations in micrograms per liter - ug/L)

Sample ID	Date	Benzene	Toluene	Ethylbenzene	Xylenes	Chloroform	CTC	TCE	PCE
SOIL SAMPLES COLLECTED FROM 5 FEET BGS									
A4@5'	02/23/09	0.26	<1.0	<0.50	<0.50	<0.10	<0.10	<0.10	<0.10
A5@5'	02/23/09	<0.10	<1.0	<0.50	<0.50	<0.10	<0.10	<0.10	<0.10
B1@5'	02/24/09	<0.10	<1.0	<0.50	<0.50	<0.10	<0.10	<0.10	0.18
B1@5' D	02/24/09	<0.10	<1.0	<0.50	<0.50	<0.10	<0.10	<0.10	0.10
B2@5'	02/24/09	0.11	<1.0	<0.50	<0.50	<0.10	<0.10	<0.10	0.47
B3@5'	02/24/09	<0.10	<1.0	<0.50	<0.50	<0.10	<0.10	<0.10	0.34
B4@5'	02/23/09	<0.10	<1.0	<0.50	<0.50	<0.10	<0.10	<0.10	0.17
B5@5'	02/24/09	<0.10	<1.0	<0.50	<0.50	<0.10	<0.10	<0.10	0.24
B6@5'	02/24/09	<0.10	<1.0	<0.50	<0.50	<0.10	<0.10	<0.10	<0.10
C1@5'	02/24/09	<0.10	<1.0	<0.50	<0.50	<0.10	<0.10	<0.10	0.46
C2@5'	02/24/09	<0.10	<1.0	<0.50	<0.50	<0.10	<0.10	<0.10	0.27
C3@5'	02/24/09	<0.10	<1.0	<0.50	<0.50	<0.10	<0.10	<0.10	0.42
C4@5'	02/24/09	<0.10	<1.0	<0.50	<0.50	<0.10	<0.10	<0.10	<0.10
C5@5'	02/23/09	<0.10	<1.0	<0.50	<0.50	<0.10	<0.10	<0.10	0.19
C6@5'	02/23/09	<0.10	<1.0	<0.50	<0.50	<0.10	<0.10	<0.10	<0.10
D1@5'	02/23/09	<0.10	<1.0	<0.50	<0.50	<0.10	<0.10	<0.10	0.19
D2@5'	02/23/09	0.16	<1.0	<0.50	<0.50	<0.10	<0.10	<0.10	<0.10
D3@5'	02/23/09	<0.10	<1.0	<0.50	<0.50	<0.10	<0.10	<0.10	<0.10
D4@5'	02/23/09	<0.10	<1.0	<0.50	<0.50	<0.10	<0.10	<0.10	0.36
D5@5'	02/23/09	0.15	<1.0	<0.50	<0.50	<0.10	<0.10	<0.10	<0.10
D6@5'	02/23/09	0.14	<1.0	<0.50	<0.50	<0.10	<0.10	<0.10	<0.10
E1@5' (PV 1)	02/23/09	<0.10	<1.0	<0.50	<0.50	<0.10	<0.10	<0.10	0.15
E1@5' (PV 3)	02/23/09	<0.10	<1.0	<0.50	<0.50	<0.10	<0.10	<0.10	0.16
E1@5' (PV 7)	02/23/09	<0.10	<1.0	<0.50	<0.50	<0.10	<0.10	<0.10	0.14
E2@5'	02/23/09	0.12	<1.0	<0.50	<0.50	<0.10	<0.10	<0.10	<0.10
E3@5'	02/23/09	<0.10	<1.0	<0.50	<0.50	<0.10	<0.10	<0.10	<0.10
E4@5'	02/23/09	0.18	<1.0	<0.50	<0.50	<0.10	<0.10	<0.10	<0.10
E5@5'	02/23/09	0.13	<1.0	<0.50	<0.50	<0.10	<0.10	<0.10	<0.10
No. Samples Analyzed		28	28	28	28	28	28	28	28
No. Detections		8	0	0	0	0	0	0	15
Percentage Detections		29	0	0	0	0	0	0	54
Maximum		0.26	<1.0	<0.50	<0.50	<0.10	<0.10	<0.10	0.47

TABLE 7

SOIL GAS TESTING RESULTS - VOCs EPA METHOD 8260B

11630 - 11700 Burke Street, Santa Fe Springs, CA 90670

(concentrations in micrograms per liter - ug/L)

Sample ID	Date	Benzene	Toluene	Ethylbenzene	Xylenes	Chloroform	CTC	TCE	PCE
SOIL SAMPLES COLLECTED FROM 15 FEET BGS									
A4@15'	02/23/09	0.15	<1.0	<0.50	<0.50	<0.10	<0.10	<0.10	2.9
A4@15' D	02/23/09	0.10	<1.0	<0.50	<0.50	<0.10	<0.10	<0.10	2.4
A5@15'	02/23/09	<0.10	<1.0	<0.50	<0.50	<0.10	<0.10	<0.10	2.4
B1@15'	02/24/09	<0.10	<1.0	<0.50	<0.50	<0.10	<0.10	0.15	6.6
B2@15'	02/24/09	<0.10	<1.0	<0.50	<0.50	<0.10	<0.10	0.36	12
B3@15'	02/24/09	<0.10	<1.0	<0.50	<0.50	<0.10	<0.10	0.59	14
B4@15'	02/23/09	0.16	<1.0	<0.50	<0.50	<0.10	<0.10	0.59	9.4
B5@15'	02/24/09	<0.10	<1.0	<0.50	<0.50	<0.10	<0.10	0.56	9.3
B6@15'	02/24/09	<0.10	<1.0	<0.50	<0.50	<0.10	<0.10	0.41	5.4
C1@15'	02/24/09	<0.10	<1.0	<0.50	<0.50	<0.10	<0.10	0.12	7.9
C2@15'	02/24/09	<0.10	<1.0	<0.50	<0.50	<0.10	<0.10	0.35	5.8
C3@15'	02/24/09	<0.10	<1.0	<0.50	<0.50	<0.10	<0.10	2.3	16
C4@15'	02/23/09	<0.10	<1.0	<0.50	<0.50	<0.10	<0.10	0.75	4.6
C4@15' D	02/23/09	<0.10	<1.0	<0.50	<0.50	<0.10	<0.10	0.75	4.7
C5@15'	02/23/09	<0.10	<1.0	<0.50	<0.50	<0.10	<0.10	0.49	4.1
C6@15'	02/23/09	<0.10	<1.0	<0.50	<0.50	<0.10	<0.10	0.34	2.2
D1@15'	02/23/09	<0.10	<1.0	<0.50	<0.50	<0.10	<0.10	<0.10	2.4
D2@15'	02/23/09	0.11	<1.0	<0.50	<0.50	<0.10	<0.10	0.36	6.1
D3@15'	02/23/09	<0.10	<1.0	<0.50	<0.50	<0.10	<0.10	3.7	9.9
D4@15'	02/23/09	0.12	<1.0	<0.50	<0.50	<0.10	0.12	3.1	17
D5@15'	02/23/09	0.13	<1.0	<0.50	<0.50	<0.10	0.17	0.67	4.0
D6@15'	02/23/09	0.12	<1.0	<0.50	<0.50	<0.10	<0.10	<0.10	0.50
E1@15'	02/23/09	0.11	<1.0	<0.50	<0.50	<0.10	<0.10	<0.10	6.8
E2@15'	02/23/09	<0.10	<1.0	<0.50	<0.50	<0.10	<0.10	0.16	6.0
E3@15'	02/23/09	<0.10	<1.0	<0.50	<0.50	<0.10	<0.10	<0.10	0.88
E4@15'	02/23/09	<0.10	1.0	0.65	3.22	0.15	0.12	1.7	5.8
E5@15'	02/23/09	0.10	<1.0	<0.50	<0.50	0.13	<0.10	0.45	0.8
No. Samples Analyzed		27	27	27	27	27	27	27	27
No. Detections		9	1	1	1	2	3	20	27
Percentage Detections		33	4	4	4	7	11	74	100
Maximum		0.16	1.0	0.65	3.22	0.15	0.17	3.7	17

TABLE 8
SOIL GAS TESTING RESULTS - VOCs EPA METHOD TO-15
11630 - 11700 Burke Street, Santa Fe Springs, CA 90670
(concentrations in micrograms per liter - ug/L)

Chemical	E3@5'	D6@15'	Trip Blank
Propene	0.230	0.021	<0.010
Trichlorofluoromethane	<0.005	0.011	<0.005
Acetone	0.32	0.550	<0.020
1,1-Dichloroethene	<0.005	0.0059	<0.005
Carbon Disulfide	0.036	0.001	<0.005
1,1-Dichloroethane	<0.005	0.0058	<0.005
2-Butanone (MEK)	0.023	0.0091	<0.005
Chloroform	<0.005	0.024	<0.005
Benzene	0.0061	0.0058	<0.005
Carbon Tetrachloride	<0.005	0.037	<0.005
TCE	0.016	0.054	<0.005
Toluene	0.057	0.051	<0.005
PCE	0.140	0.240	<0.005
Chlorobenzene	0.009	<0.005	<0.005
Ethylbenzene	0.015	0.011	<0.005
Xylenes	0.077	0.063	<0.005
1,2,4-Trimethylbenzene	0.017	0.0094	<0.005
1,3,5-Trimethylbenzene	0.0058	<0.005	<0.005

Only those volatile organic compounds detected are listed
< = Not detected at laboratory reporting limit listed

TABLE 9
SUMMARY OF WELL CONSTRUCTION DATA
11630 - 11700 Burke Street, Santa Fe Springs, CA 90670

Well	Date Completed	Installed By	Well Permit Number	Casing Diameter (inch)	Total Depth (feet bgs)	Screen Interval (feet bgs)	Slot Size (inch)	Well Elevation (feet)
MW-1	10/03/95	EAI		2	53	33 - 53	0.020	155.19
MW-2	12/23/96	EAI		2	55	30 - 55	0.020	152.01
MW-3	06/30/09	EAI	9234	2	70	40-70	0.020	155.22
MW-4	06/30/09	EAI	9234	2	80	50-80	0.020	155.07

Well elevation data based on Evans Land Surveying and Mapping survey (NAVD'88)
 Bench Mark # Y-6668, Elevation = 155.530 ft. (2005 adj.)

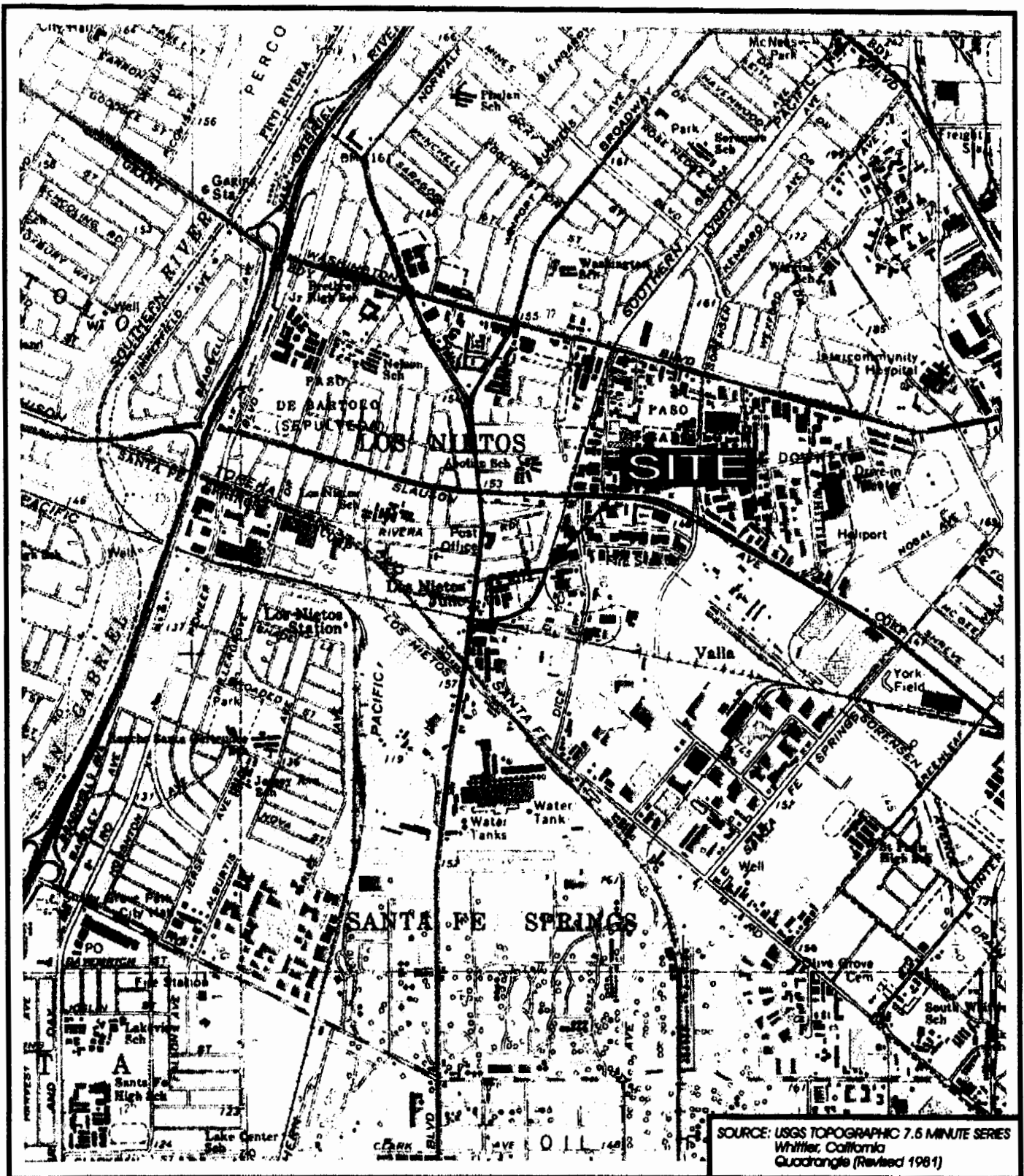
TABLE 10
SUMMARY OF SOIL TESTING RESULTS - WELLS MW-3 AND MW-4
11630 - 11700 Burke Street, Santa Fe Springs, CA 90670
 (concentrations in milligrams per kilogram)

Date	Well	TPH-G	TPH-D	VOCs
06/30/09	MW-3@10'	<0.01	<10	ND
	MW-3@20'	<0.01	<10	ND
	MW-3@30'	<0.01	<10	ND
	MW-3@40'	<0.01	<10	ND
	MW-3@50'	<0.01	<10	ND
	MW-3@60'	<0.01	<10	ND
06/30/09	MW-4@10'	<0.01	<10	ND
	MW-4@20'	<0.01	<10	ND
	MW-4@30'	<0.01	<10	ND
	MW-4@40'	<0.01	<10	ND
	MW-4@55'	<0.01	<10	ND
	MW-4@65'	<0.01	<10	ND

< = Not detected at laboratory reporting limit listed

ND = Not detected. Detections limits ranged from 0.005 to 0.020 mg/kg

FIGURES



Environmental Audit, Inc.

SITE LOCATION MAP
 11630 - 11700 Burke Street
 Santa Fe Springs, CA 90670

0 2,000'



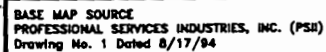
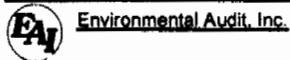
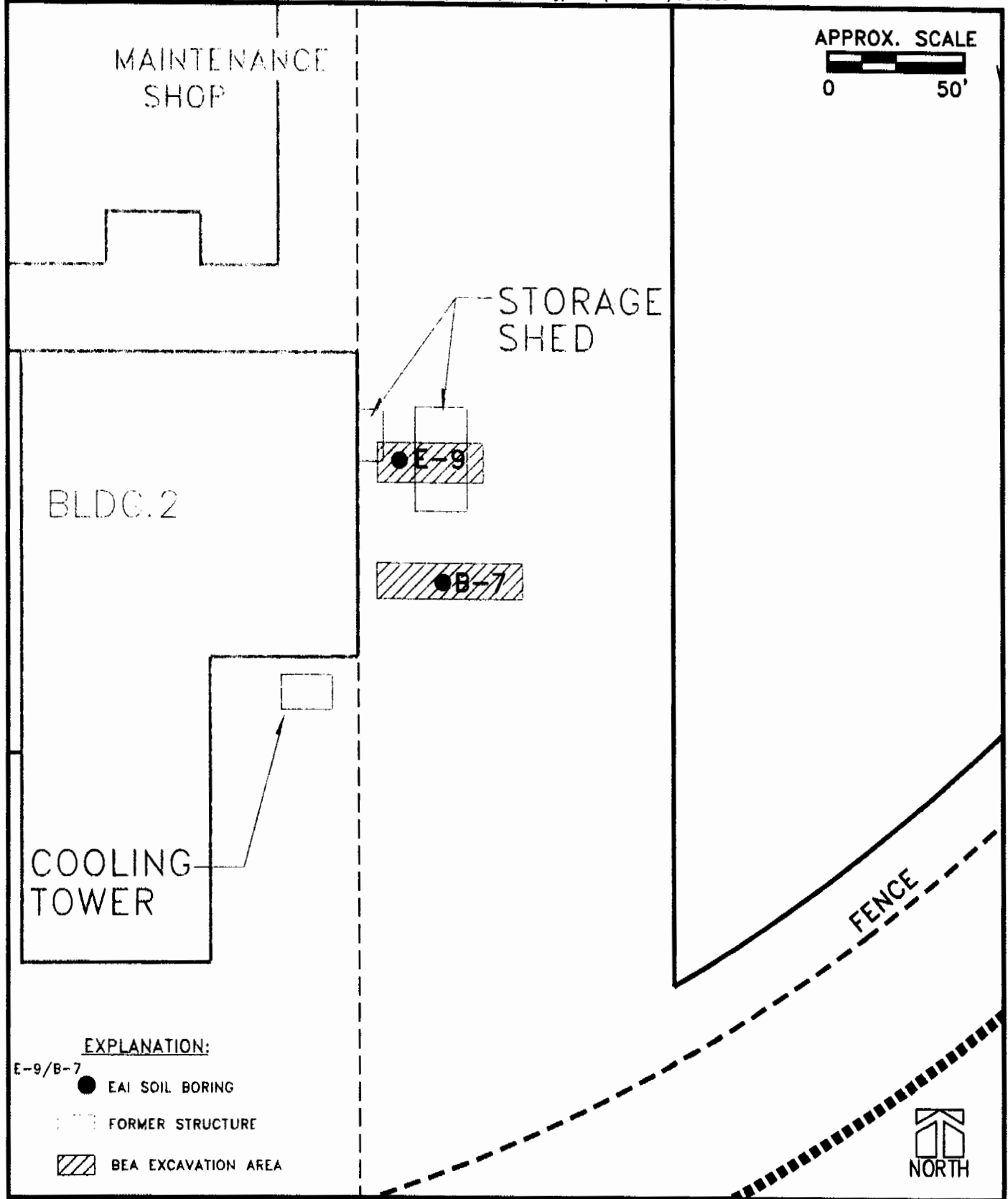
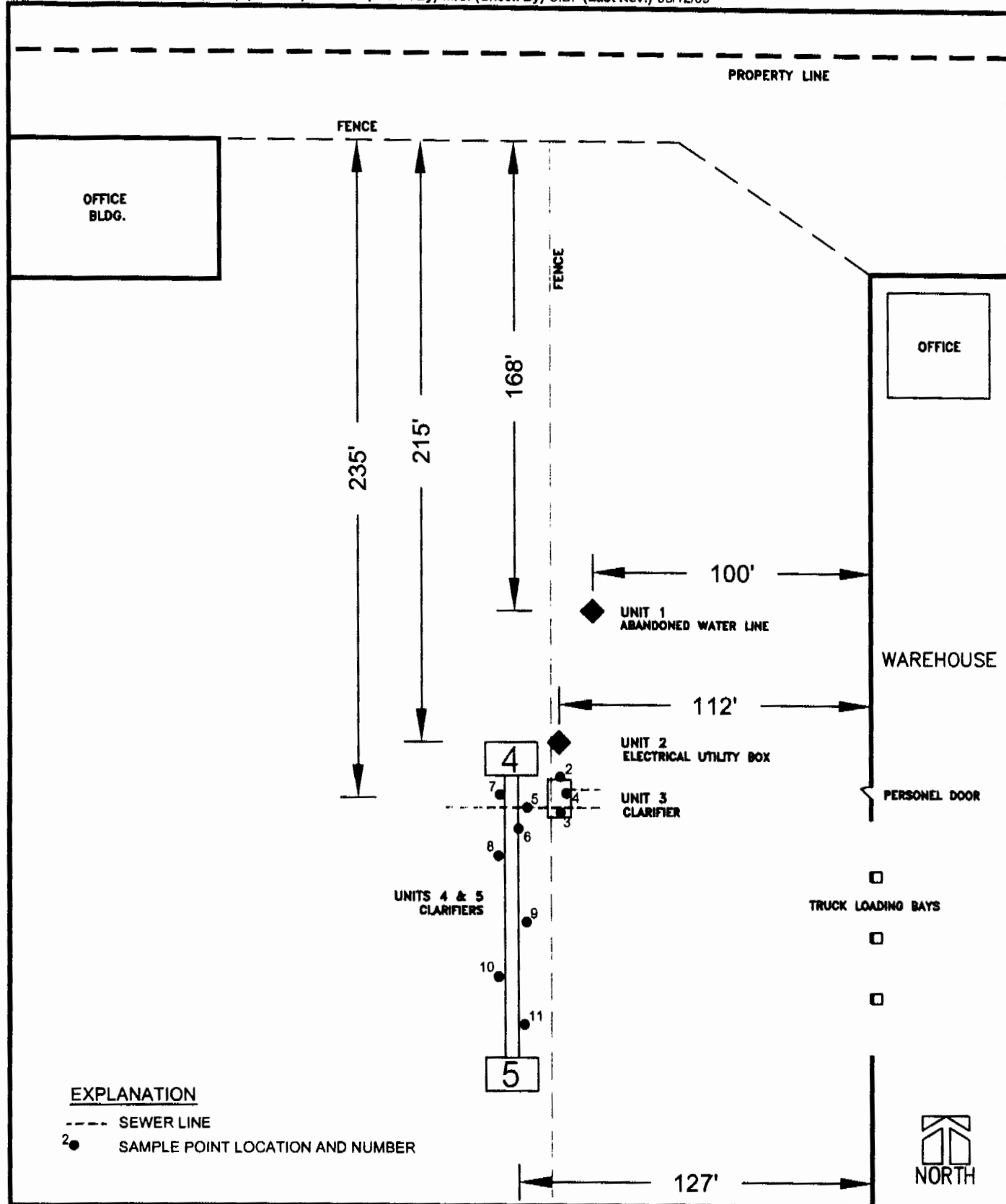


Figure 3

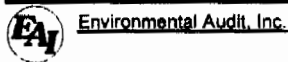


BEA REMEDIAL EXCAVATIONS - AUGUST 2006
11630 - 11700 Burke Street
Santa Fe Springs, CA 90670



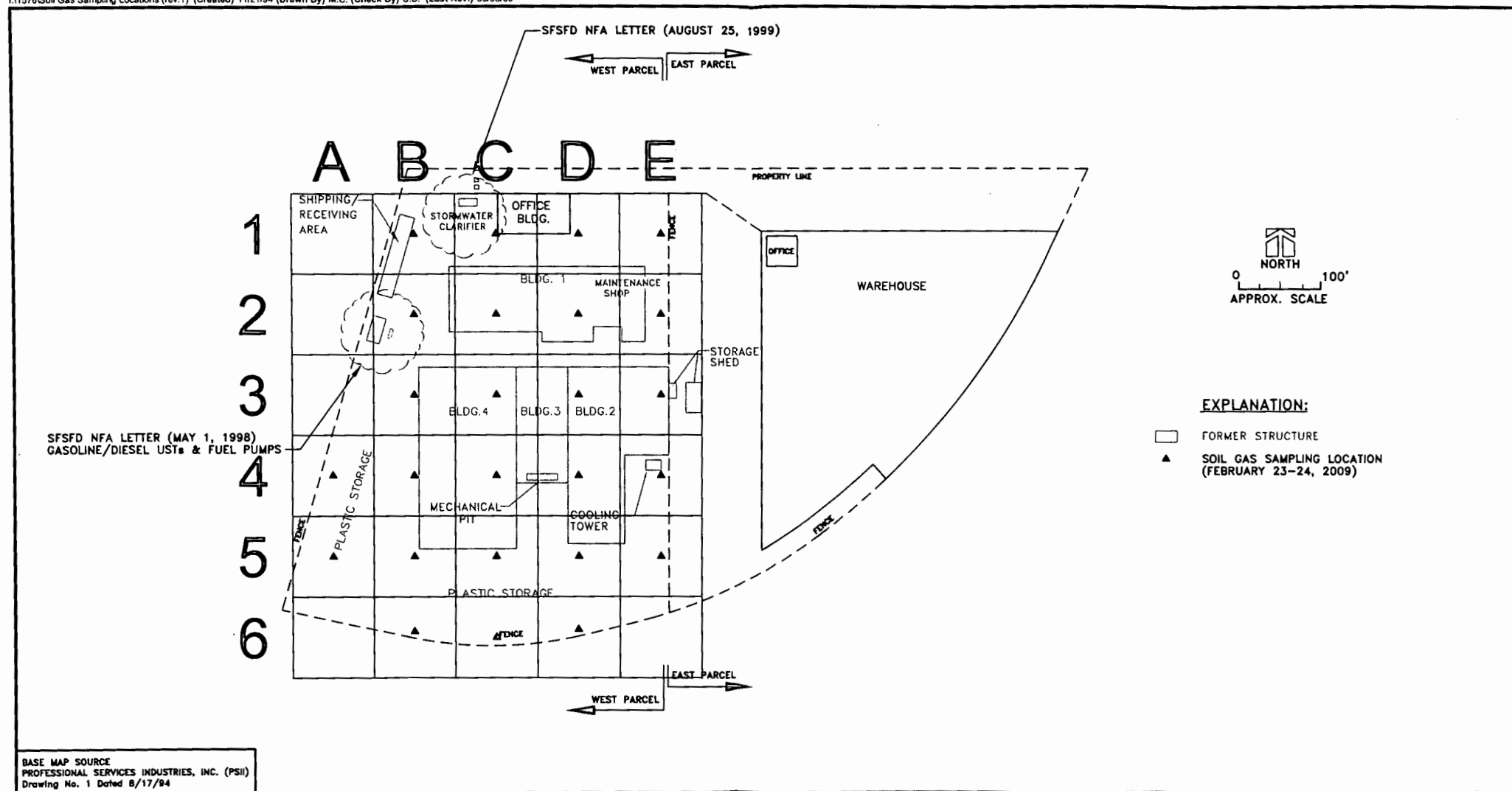
EXPLANATION

- SEWER LINE
- 2● SAMPLE POINT LOCATION AND NUMBER

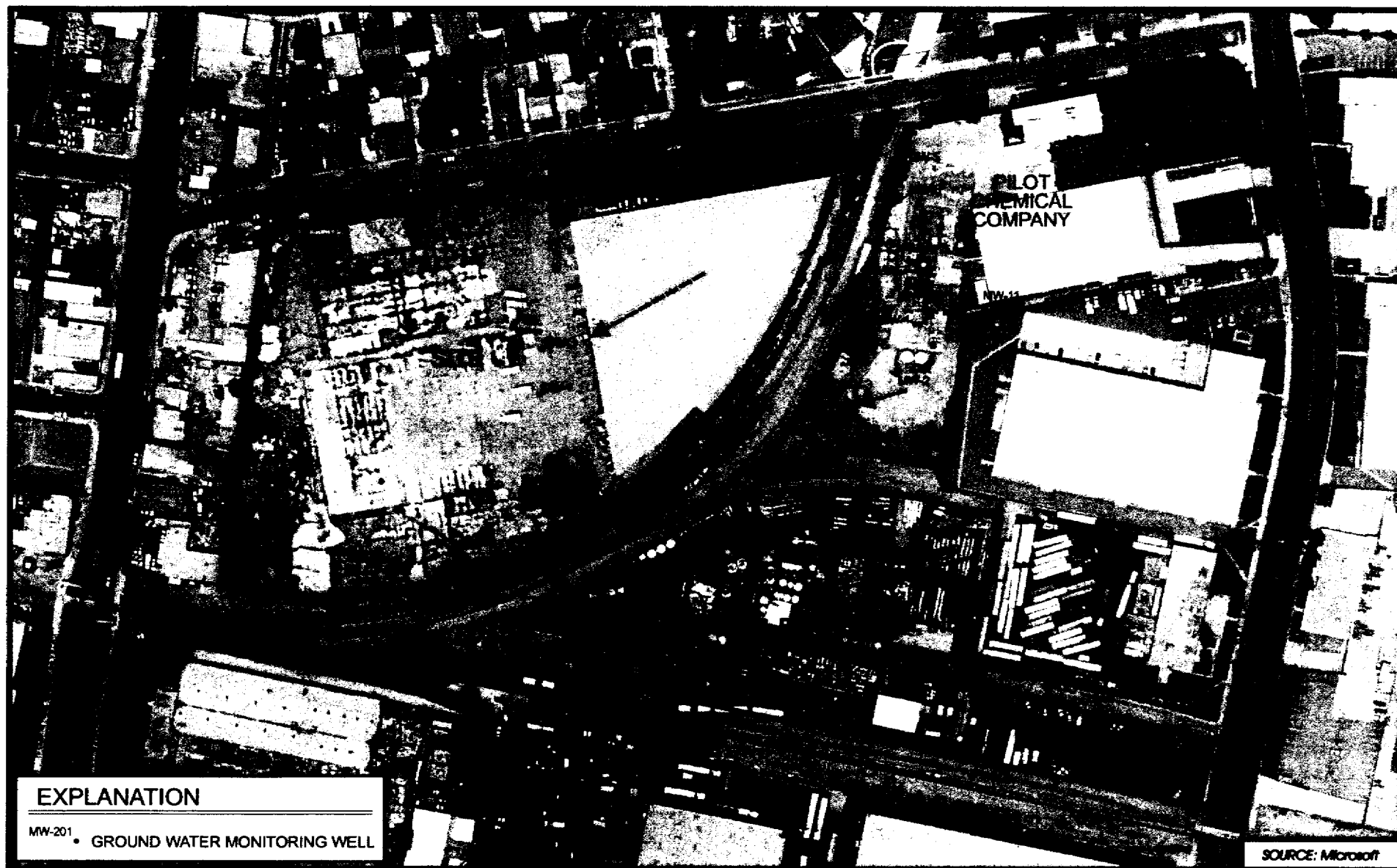


SUBSURFACE UNITS CLOSED IN FEBRUARY 2009
 11630 - 11700 Burke Street
 Santa Fe Springs, CA 90670

APPROX. SCALE
 0 50'



SOIL GAS SAMPLING LOCATIONS
11630 - 11700 Burke Street
Santa Fe Springs, CA 90670



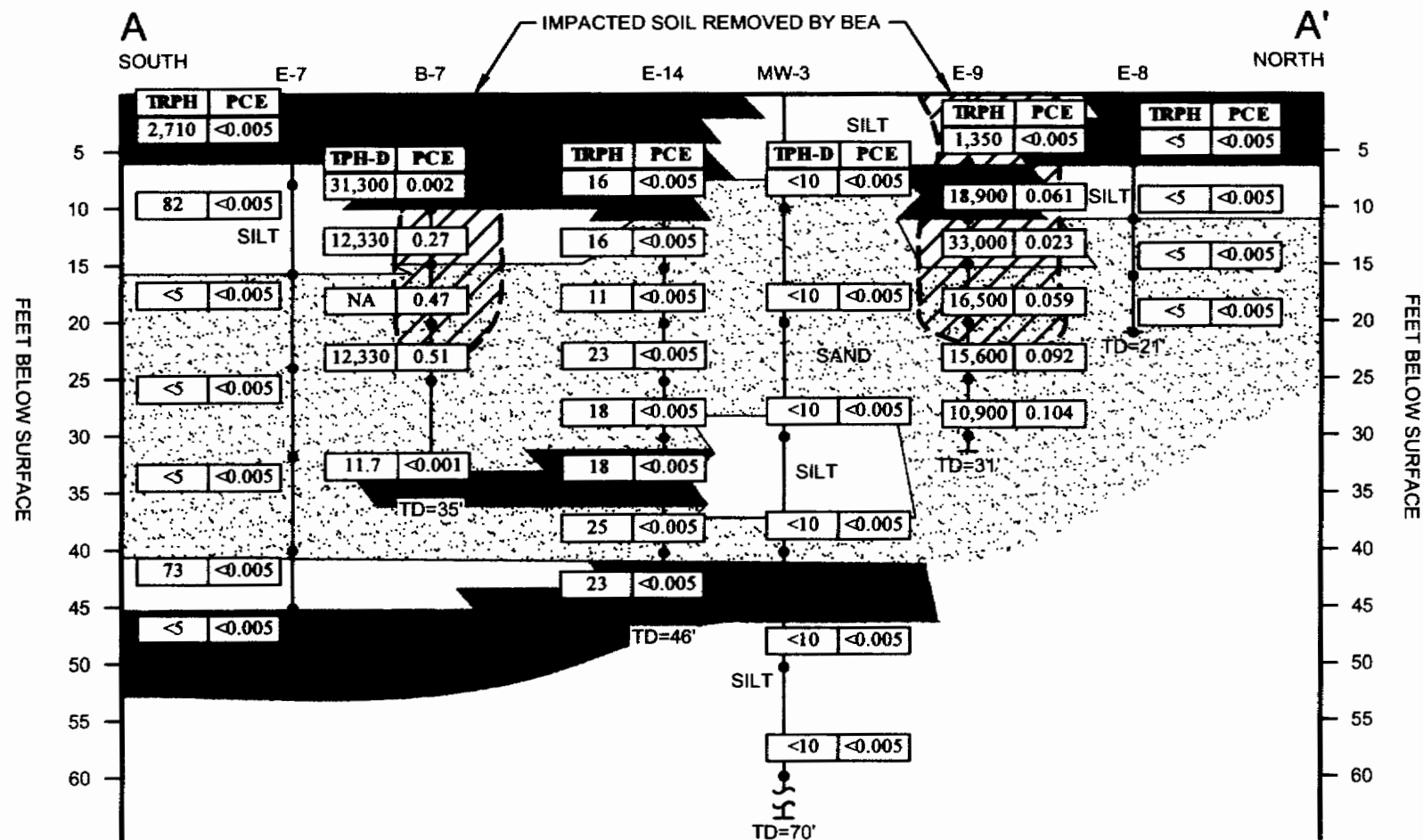
AERIAL VICINITY MAP
11630 to 11700 Burke Street
Santa Fe Springs, CA 90609





CENTRAL BASIN GROUNDWATER PCE PLUME





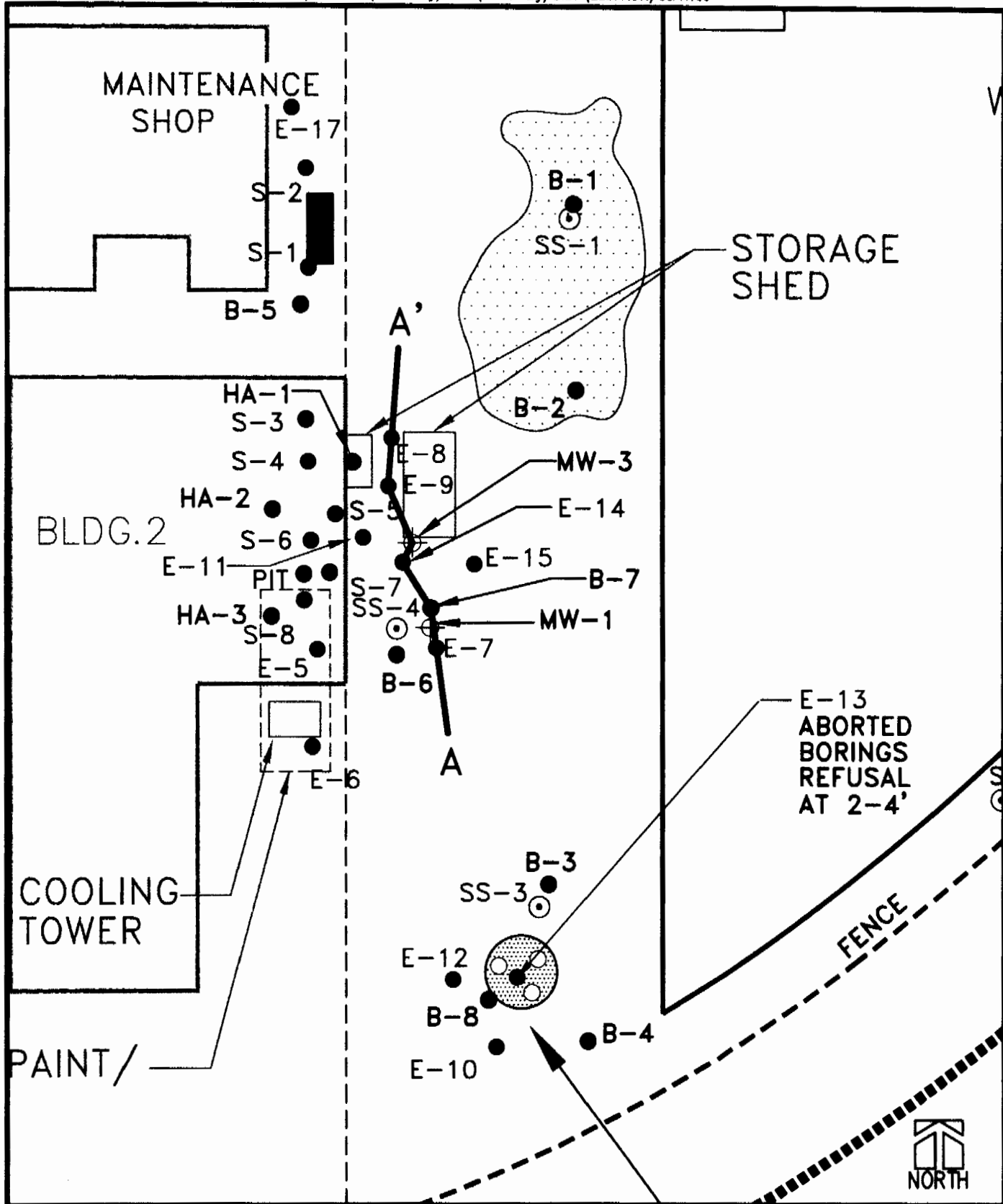
EXPLANATION

12,330 0.51 Residual Hydrocarbon Left in Place That Exceed Los Angeles RWQCB Soil Screening Levels

(CONCENTRATIONS GIVEN IN ug/L)



CROSS SECTION A-A'
11630 - 11700 Burke Street
Santa Fe Springs, CA 90670



Environmental Audit, Inc.

CROSS SECTION LOCATION MAP
11630 - 11700 Burke Street
Santa Fe Springs, CA 90670



APPENDIX A

City of Santa Fe Springs Fire Department Letter dated April 16, 2009



City of Santa Fe Springs

Fire Department

11300 Greenstone Ave. • CA • 90670-4619 • (562) 944-9713 • Fax (562) 941-1817 • www.santafesprings.org

April 16, 2009

Mr. Larry Patsouras
El Greco
11700 Burke Street
Santa Fe Springs, CA 90670

CLOSURE OF SUBSURFACE UNITS NOT REGULATED AS UNDERGROUND STORAGE TANKS, 11630 - 11700 BURKE STREET, SANTA FE SPRINGS, 90720

This office has reviewed the *Report on Closure of Subsurface Units* (closure report) for the property at 11630 – 11700 Burke Street (former Talco Plastics site). The closure report was prepared by Environmental Audit, Inc. in March 2009. Permits were previously issued for the closure of four (4) subsurface units and the procedures for removing these units and assessing contamination was outlined in the *Remedial Investigation Workplan* dated November 3, 2008 and the workplan addendum dated January 16, 2009. None of these subsurface units meet the definition of an underground storage tank as defined in Title 23, division 3, chapter 16 of the California Code of Regulations.

Based on the information submitted in the closure report, we find that all requirements for closure of the subsurface units have been completed. With the provision that the information provided to this department was accurate and representative of existing conditions, it is our position that no further action, pertaining to the closure of the four subsurface units, is required at this time.

Please be advised that this letter does not relieve you of any liability under the California Health and Safety Code or Water Code for past, present or future operations at this site. Nor does it relieve you of the responsibility to clean up existing, additional or previously unidentified conditions at the site which cause or threaten to cause pollution or nuisance or otherwise pose a threat to water quality or public health.

Additionally, be advised that this review is limited to the closure of the 4 subsurface units only. A separate review and evaluation of the soil gas survey and human health screening evaluation is ongoing.

Any questions regarding this matter should be directed to Tom Hall, Environmental Protection Specialist, at (562) 906-3815.

Sincerely,

A handwritten signature in black ink, appearing to read "Janet Ortiz", written in a cursive style.

Janet Ortiz
Director of Environmental Protection

cc: File

Ann Lin, Los Angeles Regional Water Quality Control Board
Steve Bright, Environmental Audit, Inc.

APPENDIX B

Office of Environmental Health Hazard Assessment
Memorandum dated July 27, 2009

Office of Environmental Health Hazard Assessment



Linda S. Adams
Secretary for Environmental Protection

Joan E. Denton, Ph.D., Director
Headquarters • 1001 I Street • Sacramento, California 95814
Mailing Address: P.O. Box 4010 • Sacramento, California 95812-4010
Oakland Office • Mailing Address: 1515 Clay Street, 16th Floor • Oakland, California 94612



Arnold Schwarzenegger
Governor

MEMORANDUM

TO: Tom Hall, P.E.
Santa Fe Springs Department of Fire-Rescue
11300 Greenstone Avenue
Santa Fe Springs, California 90670

FROM: James C. Carlisle, D.V.M., Chief
Applied Risk Assessment Section
Integrated Risk Assessment Branch

DATE: July 27, 2009

SUBJECT: SUMMARY OF SITE ASSESSMENTS, SOIL GAS SURVEY, HUMAN
HEALTH EVALUATION, AND WORK PLAN, 11630-11700 BURKE STREET
SANTA FE SPRINGS, CALIFORNIA 90670
PCA 11800

OEHHA#830050-00

Document Reviewed

- Summary of Site Assessments, Soil Gas Survey, Human Health Evaluation, and Work Plan, 11630-11700 Burke Street, Santa Fe Springs, California 90670. My review focused on Section 5 and supporting figures and tables.

Site Characterization

An accurate estimate of risk from contamination at a site requires accurate characterization of contaminant concentrations at the site. Three aspects are key to achieving this end:

- Sampling strategy: Sampling locations must represent the site as a whole or at least not avoid significant contamination. Soil gas sampling appears to be based on a 100-foot grid.
- Sample handling: Samples must be handled in such a way that chemical is not lost before the analysis can take place. I did not review sample handling.
- Sample analysis: Samples of appropriate environmental media must be analyzed using appropriate analytical methods for an appropriate suite of chemicals that may be present at the site based on the site history. I did not review sample analysis.

California Environmental Protection Agency

The energy challenge facing California is real. Every Californian needs to take immediate action to reduce energy consumption.

Conceptual Site Model and Scope of Review

- The conceptual site model (Figure 9) limits the assessment to evaluation of the vapor intrusion pathway for facility personnel. However, residential scenarios along with other contaminants and pathways are discussed.
- My review is similarly focused primarily on the vapor intrusion pathway with brief comments on soil-related pathways.

Soil metals as COPCs

- EAI eliminated metals as COPCs if they were less than screening levels without consideration of additive effects. OEHHA does not recommend this practice.
- EAI eliminated arsenic as a COPC based on a comparison with DTSC's Southern California schools criterion of 12 mg/kg despite the fact that the maximum arsenic concentration was 55 mg/kg and the UCL on the mean was 13 mg/kg. OEHHA recommends a much more rigorous evaluation that considers the entire distribution compared to local background, spatial evaluation, probability plots, etc based on DTSC (1997) guidance.
- However, if soil-related pathways are incomplete as EAI asserts, then the issue of COPCs in soil becomes moot.

Vapor Intrusion Exposure, Risk, and Hazard

- Vapor intrusion exposure, risk, and hazard were evaluated by using the DTSC version of the Johnson and Ettinger soil gas screening model with default soil parameters and vapor flow (Q_{soil}) using maximum or 95% UCL concentrations at the 5-foot and 15-foot depths.
- The hazard quotients were summed to estimate a hazard index.
- The risks for individual chemicals were summed to estimate a total risk.
- I was able to reproduce and verify the calculations.

Conclusions

- Risk and hazard to future residents and workers from vapor intrusion are estimated.
- The vapor intrusion risk and hazard estimates are conservative, since maximum detected concentrations in soil gas were used in most cases.
- The risk and hazard estimates are reliable and can support risk management decisions.

Tom Hall
July 27, 2009
Page 3

If you have any questions regarding this review, please feel free to contact me at (916) 323-2635 or at JCarlisle@OEHHA.CA.gov.

Memo reviewed by:

Hristo Hristov, M.D., Staff Toxicologist
Integrated Risk Assessment Branch



Reference

DTSC, 1997. Selecting Inorganic Constituents as Chemicals of Potential Concern at Risk Assessments at Hazardous Waste Sites and Permitted Facilities. Final Policy Human and Ecological Risk Division Department of Toxic Substances Control California Environmental Protection Agency

APPENDIX C

Well Permit

WELL PERMIT APPLICATION - NON PRODUCTION WELLS

WATER QUALITY PROGRAM - ENVIRONMENTAL HEALTH DIVISION

5050 COMMERCE DRIVE, BALDWIN PARK, CA 91706 TELE: (626) 430-5420 FAX: (626) 813-3016

DATE 6-10-09

☒ NEW WELL CONSTRUCTION ☐ RECONSTRUCTION OR RENOVATION ☐ DECOMMISSIONING ☐ OTHER
☒ MONITORING ☐ CATHODIC ☐ INJECTION ☐ EXTRACTION ☐ HEAT EXCHANGE
☐ HYDRO-PUNCH ☐ C.P.T. (For Ground Water Sampling) ☐ OTHER:

WELL LOCATION
 Site Address: 11700 Burke Street City: Santa Fe Springs Zip Code: 90670
 Nearest Intersection: Norwalk Blvd Thomas Guide Map Book Page/Grid: 706 J2 Number of Wells in Each Parcel: 2

WELL STRUCTURE
 Total Depth of Well: 70 Depth of Well Casing: 70 Sanitary / Annular Sealing Material: Bentonite
 Depth of Sanitary / Annular Seal: 35 Conductor Casing Seal: NA

OWNER INFORMATION
 Owner's Name: Larry Patsoyros Telephone Number: _____
 Address: 11700 Burke St. City: Santa Fe Springs Zip Code: 90670

DRILLER INFORMATION
 Driller's Name: Fest America Telephone Number: 714-939-6554 License Number: 554979
 Address: 1016 E Katella Ave City: Anaheim Zip Code: _____

WELL DECOMMISSIONING INFORMATION
 Well Depth: _____ Method of Well Assessment: _____ Depth and Number of Perforations: _____
☐ log/records ☐ Well Assessment
 Type and Amount of Sealant: _____ Type of Perforator: _____ Size of Perforations: _____ Method of Upper Seal Pressure Application: _____

CONSULTANT INFORMATION
 Company: Environmental Audit City: Placentia State: CA Zip Code: 92870
 Address: 10004 Ortega Way City: Placentia State: CA Zip Code: 92870
 Project Manager: Brent Mecham Telephone Number: 714-632-8521 Fax Number: 714-632-6754

ATTENTION: WORK PLAN MODIFICATIONS MAY BE REQUIRED IF WELL AND GEOLOGIC CONDITIONS ENCOUNTERED AT THE SITE INSPECTION ARE FOUND TO DIFFER FROM THE SCOPE OF WORK PRESENTED TO THIS DEPARTMENT

I hereby agree to comply in every respect with all the regulations of the County Environmental Health Division and with all ordinances and laws of the County of Los Angeles and the State of California pertaining to well construction, reconstruction, and decommissioning data deemed necessary by the County Environmental Health Division Of Los Angeles County.

Signature of Applicant: Brent H Mecham Printed Name: Brent H Mecham

THIS PERMIT IS NOT COMPLETE UNTIL ALL OF THE FOLLOWING REQUIREMENTS ARE SIGNED OFF BY THE DEPUTY HEALTH OFFICER. WELL CONSTRUCTION OR DECOMMISSIONING CANNOT BE INITIATED WITHOUT A WORK PLAN APPROVAL FROM THIS DEPARTMENT.

***** (DEPARTMENT USE ONLY) *****

WORK PLAN APPROVAL
 This Approval is Valid for 180 Days
 REHS: _____ DATE: _____
 Conditions: IN F&E # 452 HAS PAID FOR PERMIT # 72111
CONDITION 2 WITH 70' CASING AND 35' SEAL
APPROVED BY: [Signature]

FINAL INSPECTION
 The placement of the annular seal must be witnessed by a Deputy Health Officer for the permit to be valid. Contact this Department to arrange for an appointment.
 REHS: _____ DATE: _____

NOTICE

This well permit approval is limited to compliance with the California Well Standards and the Los Angeles County Code and does not grant any rights to construct, reconstruct, or decommission any well. The applicant is responsible for securing all other necessary permits.

APPENDIX D

Boring Logs

CLIENT: Patsouras Property PROJECT NO: 1576 DRILL HOLE: MW-3
 SITE LOCATION: 11630-11700 Burke Street, Santa Fe Springs, CA
 DRILLING COMPANY: Cascade Drilling TYPE OF RIG: CME-85
 DRILLING METHOD/EQUIPMENT: Hollow Stem Auger HOLE DIAMETER: 8"
 DRIVE WEIGHT/HEIGHT OF DROP: 140 # @ 30" REFERENCE OR DATUM: Surface
 START DATE: 6/30/2009 COMPLETION DATE: 6/30/2009

DEPTH IN FEET	GRAPHIC BORING LOG	SAMPLE SIZE AND LOCATION	BLOW COUNTS PER 0.5 FT	TIME	SOIL VAPOR READING, PPM	UNIFIED SOIL CLASSIFICATION SYSTEM	DESCRIPTION
0						ML	
5			8,10,11	8:00	0.0		4-5.5' SLIGHTLY SANDY CLAYEY SILT, rust, very fine sand, slightly moist, no odor
10			8,12,13	8:05	0.0	SM	9-10.5' SILTY SAND, reddish brown, fine sand, moist, no odor
15			9,11,11	8:10	0.0	SP	14-15.5' SAND, tan, fine sand, moist, no odor
20			9,14,14	8:20	0.0		19-20.5' SAND, tan, fine sand, moist, no odor
25			9,14,14	8:25	0.0		24-25.5' SAND, tan, fine sand, moist, no odor
30			10,12,14	8:30	0.0	ML	29-30.5' SLIGHTLY SANDY CLAYEY SILT, brown, very fine sand, moist, no odor
35			13,14,15	8:35	0.0		34-35.5' SLIGHTLY SANDY CLAYEY SILT, brown, very fine sand, moist, no odor
						SP	

NOTES:

 LOGGED BY: BHM DATE: 6/30/2009 APPROVED BY: BHM RG#: 5649

Note: This boring log represents conditions only at time and location indicated.
 Subsurface conditions may differ at other locations and times.

CLIENT: Patsouras Property PROJECT NO: 1576 DRILL HOLE: MW-3
 SITE LOCATION: 11630-11700 Burke Street, Santa Fe Springs, CA
 DRILLING COMPANY: Cascade Drilling TYPE OF RIG: CME-85
 DRILLING METHOD/EQUIPMENT: Hollow Stem Auger HOLE DIAMETER: 8"
 DRIVE WEIGHT/HEIGHT OF DROP: 140 # @ 30" REFERENCE OR DATUM: Surface
 START DATE: 6/30/2009 COMPLETION DATE: 6/30/2009

DEPTH IN FEET	GRAPHIC BORING LOG	SAMPLE SIZE AND LOCATION	BLOW COUNTS PER 0.5 FT	TIME	SOIL VAPOR READING, PPM	UNIFIED SOIL CLASSIFICATION SYSTEM	DESCRIPTION
40			10,12,12	8:40	0.0		39-40.5' SAND, tan, fine to medium sand, moist, no odor
						CL	
45			5,14,14	8:45	0.0		44-45.5' SLIGHTLY SANDY SILTY CLAY, brown, very fine sand, very moist, no odor
						ML	
50			12,14,16	8:50	0.0		49-50.5' SANDY CLAYEY SILT, rust, very fine sand, very moist, no odor
						SM	
55			12,14,17	8:55	0.0		54-55.5' VERY SILTY SAND, olive brown, fine sand, very moist, no odor
						SP	
60			10,14,16	9:00	0.0		59-60.5' SAND, tan, fine sand, very moist, no odor
65			11,12,14	9:05	0.0		64-65.5' SAND, tan, fine sand, saturated, no odor
70			8,10,12	9:10	0.0		69-70.5' SAND, tan, fine sand, saturated, no odor
75							
NOTES:							

LOGGED BY: BHM DATE: 6/30/2009 APPROVED BY: BHM RG#: 5649

Note: This boring log represents conditions only at time and location indicated.
 Subsurface conditions may differ at other locations and times.

CLIENT: Patsouras Property PROJECT NO: 1576 DRILL HOLE: MW-4
 SITE LOCATION: 11630-11700 Burke Street, Santa Fe Springs, CA
 DRILLING COMPANY: Cascade Drilling TYPE OF RIG: CME-85
 DRILLING METHOD/EQUIPMENT: Hollow Stem Auger HOLE DIAMETER: 8"
 DRIVE WEIGHT/HEIGHT OF DROP: 140 # @ 30" REFERENCE OR DATUM: Surface
 START DATE: 6/30/2009 COMPLETION DATE: 6/30/2009

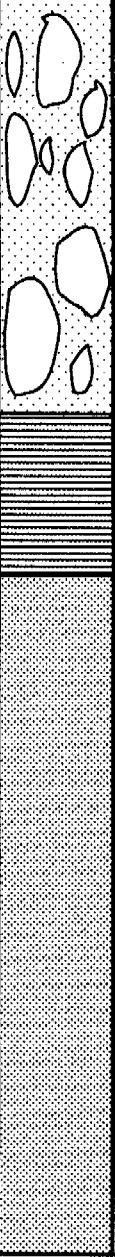

DEPTH IN FEET	GRAPHIC BORING LOG	SAMPLE SIZE AND LOCATION	BLOW COUNTS PER 0.5 FT	TIME	SOIL VAPOR READING, PPM	UNIFIED SOIL CLASSIFICATION SYSTEM	DESCRIPTION
0						ML	
5			10,10,10	11:05	0.0		4-5.5' VERY SANDY SILT, rust, fine sand, moist, no odor
10			7,10,12	11:10	0.0	SM	9-10.5' VERY SILTY SAND, rust, fine sand, moist, no odor
15			7,13,14	11:15	0.0	SP	14-15.5' SAND, tan, medium to fine sand, moist, no odor
20			10,12,14	11:20	0.0		19-20.5' SAND, tan, fine sand, moist, no odor
25			14,15,17	11:25	0.0		24-25.5' SAND, tan, fine sand, moist, no odor
30			14,15,18	11:30	0.0		29-30.5' SLIGHTLY SILTY SAND, brown, coarse to fine sand, moist, no odor
35			50	11:35	0.0		34-35.5' SLIGHTLY SILTY SAND, brown, coarse to fine sand, very moist, no odor
						GW	

NOTES:

LOGGED BY: BHM DATE: 6/30/2009 APPROVED BY: BHM RG#: 5649

Note: This boring log represents conditions only at time and location indicated.
 Subsurface conditions may differ at other locations and times.

CLIENT: Patsouras Property PROJECT NO: 1576 DRILL HOLE: MW-4
 SITE LOCATION: 11630-11700 Burke Street, Santa Fe Springs, CA
 DRILLING COMPANY: Cascade Drilling TYPE OF RIG: CME-85
 DRILLING METHOD/EQUIPMENT: Hollow Stem Auger HOLE DIAMETER: 8"
 DRIVE WEIGHT/HEIGHT OF DROP: 140 # @ 30" REFERENCE OR DATUM: Surface
 START DATE: 6/30/2009 COMPLETION DATE: 6/30/2009

DEPTH IN FEET	GRAPHIC BORING LOG	SAMPLE SIZE AND LOCATION	BLOW COUNTS PER 0.5 FT	TIME	SOIL VAPOR READING, PPM	UNIFIED SOIL CLASSIFICATION SYSTEM	DESCRIPTION
40			7,10,15	11:40	0.0		39-40.5' GRAVELY SAND, tan, coarse to fine sand, well rounded gravel, slightly moist, no odor
45			12,13,15	11:45	0.0		44-45.5' GRAVELY SAND, tan, coarse to fine sand, well rounded gravel, slightly moist, no odor
50			50	11:50	NES		49-50.5' GRAVELY SAND, tan, coarse to fine sand, well rounded gravel, slightly moist, no odor
55			13,14,17	11:55	0.0	ML	54-55.5' VERY SANDY CLAYEY SILT, olive, coarse to fine sand, very moist, no odor
60			13,14,17	12:00	0.0	SP	59-60.5' SILTY SAND, brown, fine sand, moist, no odor
65			10,14,15	12:05	0.0		64-65.5' SAND, tan, fine sand, very moist, no odor
70			18,20,27	12:10	0.0		69-70.5' SAND, tan, fine sand, saturated, no odor
75			12,13,15	13:00	0.0		74-75.5' SAND, tan, fine sand, saturated, no odor
			8,10,12	13:05	0.0		79-80.5' SAND, tan, fine sand, saturated, no odor

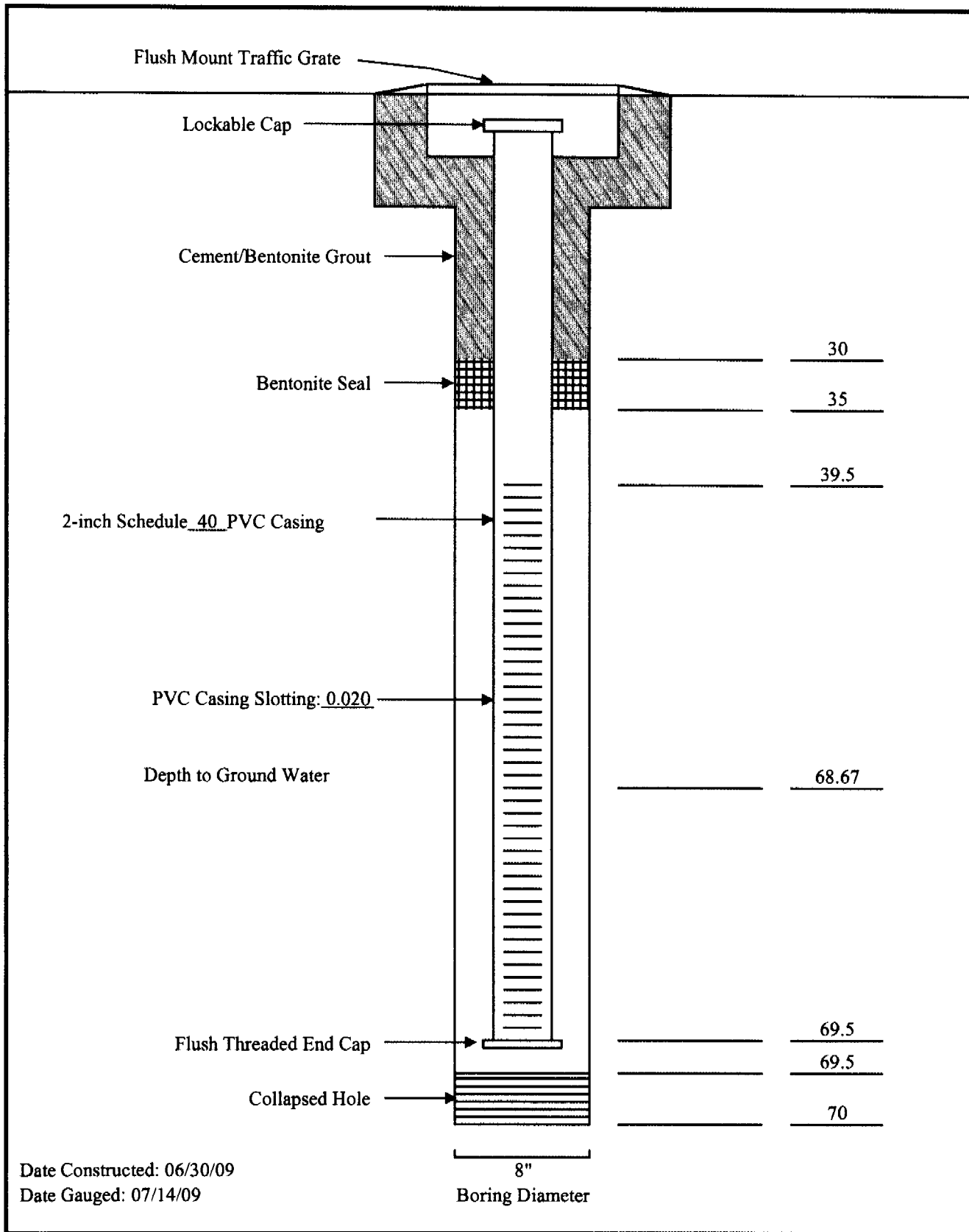
NOTES: NES = Not Enough Sample

LOGGED BY: BHM DATE: 6/30/2009 APPROVED BY: BHM RG#: 5649

Note: This boring log represents conditions only at time and location indicated.
 Subsurface conditions may differ at other locations and times.

APPENDIX E

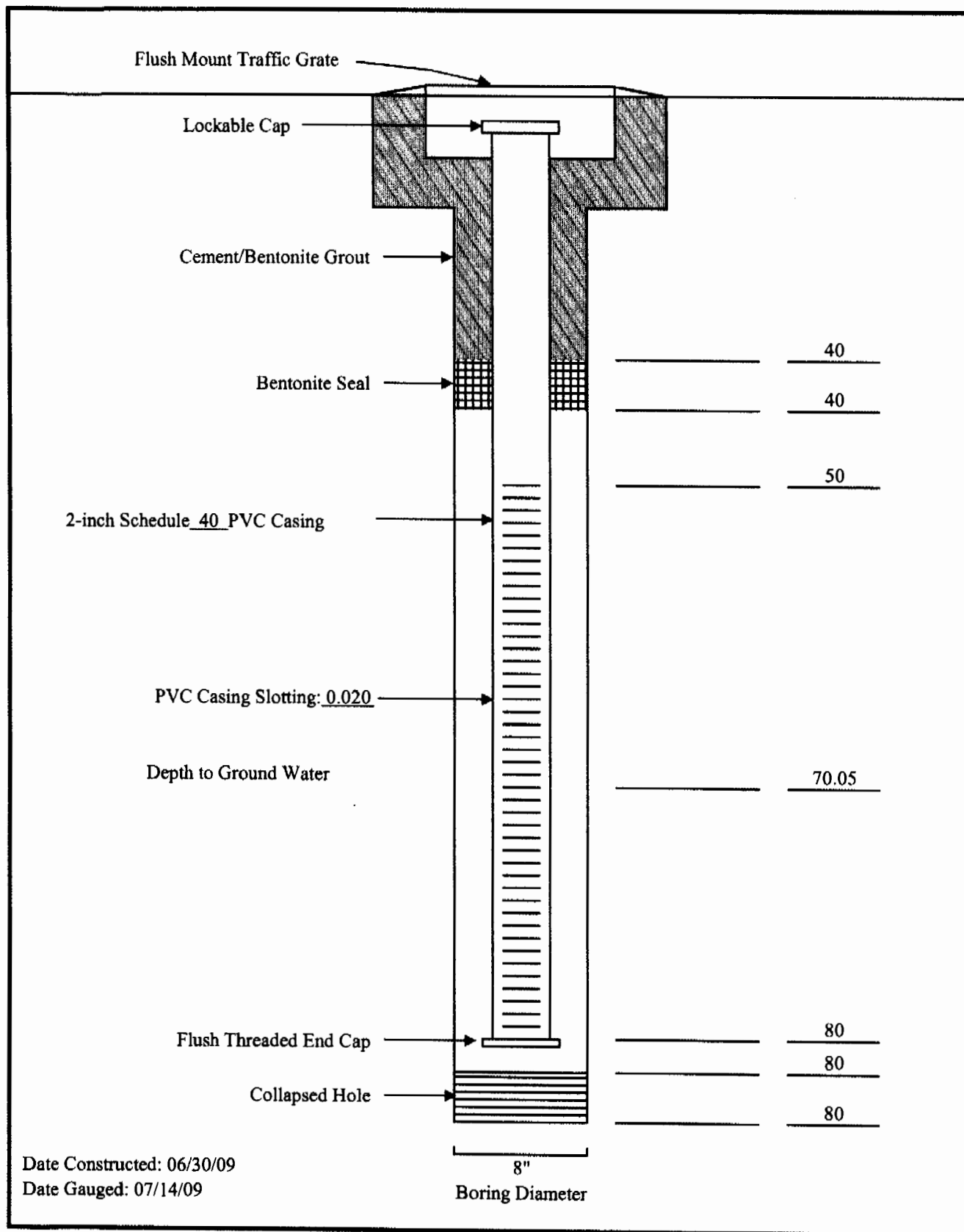
Well Construction Details



Well Construction Details

MW-3

11630 - 11750 Burke Street, Santa Fe Springs, CA
 Santa Fe Springs, California



Well Construction Details

MW-4

11630 - 11750 Burke Street, Santa Fe Springs, CA
Santa Fe Springs, California

APPENDIX F

Well Survey

Evans Land Surveying and Mapping

Environmental Audit, Inc.

EAI Project No. 1576
11630-11700 Burke Street
Santa Fe Springs, California

Groundwater Monitoring Well Locations
July 6, 2009

Designation	Latitude (N)	Longitude (W)	Elevation	Description
MW-1	33.9605722	118.0690200	155.19 155.40 155.4	TOC COVER GS
MW-2	33.9614013	118.0686078	152.01 152.83 152.9	TOC COVER GS
MW-3	33.9606464	118.0690614	155.22 155.70 155.6	TOC COVER GS
MW-4	33.9601714	118.0702306	155.07 155.44 155.4	TOC COVER GS

Legend:

TOC = Top of well Casing
COVER = Well access Cover
GS = Existing Ground Shot / Finish Surface

Datum:

Horizontal = North American Datum of 1983 (NAD'83)
CCS'83 Zone V (0405) , (EPOCH: 2007.00)

Vertical = North American Vertical Datum of 1988 (NAVD'88)
L.A.Co. , Dept. of Public Works
Bench Mark # Y-6668 , Elev.= 155.530 ft. (2005 adj.)



Stephen E. Evans
Stephen E. Evans PLS 7017

Evans Land Surveying and Mapping

Environmental Audit, Inc.

EAI Project No. 1576
11630-11700 Burke Street
Santa Fe Springs, California

Groundwater Monitoring Well Locations
July 6, 2009

Designation	Northing	Easting	Elevation	Description
MW-1	1,808,040.72	6,540,736.76	155.19 155.40 155.4	TOC COVER GS
MW-2	1,808,342.38	6,540,861.98	152.01 152.83 152.9	TOC COVER GS
MW-3	1,808,067.75	6,540,724.24	155.22 155.70 155.6	TOC COVER GS
MW-4	1,807,895.10	6,540,369.54	155.07 155.44 155.4	TOC COVER GS

Legend:

TOC = Top of well Casing
COVER = Well access Cover
GS = Existing Ground Shot / Finish Surface

Datum:

Horizontal = North American Datum of 1983 (NAD'83)
CCS'83 Zone V (0405) , (EPOCH: 2007.00)

Vertical = North American Vertical Datum of 1988 (NAVD'88)
L.A.Co. , Dept. of Public Works
Bench Mark # Y-6668 , Elev.= 155.530 ft. (2005 adj.)



Stephen E. Evans
Stephen E. Evans PLS 7017

APPENDIX G

Chain of Custody Records and Laboratory Reports



Environmental Audit, Inc. ®

Planning, Environmental Analysis and Hazardous
Substances Management and Remediation

1000 ORTEGA WAY, SUITE A (714) 632-8521
PLACENTIA, CA 92870-7162 FAX (714) 632-6754

Chain of Custody Record

SAMPLING REQUIREMENTS: RCRA ☐ NPDES ☐ SDWA ☐ ☐

WRITTEN QC REPORT EDS: ☒ YES ☐ NO

ROUTINE QC ☒ TURNAROUND TIME:

RWQCB QC ☐ SAME DAY ☐ 24hr ☐ 48 hr ☐ NORMAL ☒

PROJECT NO.		PROJECT NAME:		CONTR TYPE		ANALYSIS REQUESTED										NUMBER OF CONTAINERS	REMARKS				
1576		11630-11700 Burke Street																			
SAMPLER: (Signature)				PROJECT MANAGER:																	
<i>B Mechem</i>				Brent Mechem																	
FIELD POINT NAME	SAMPLE I.D.	DATE	TIME	COMP	GRAB	SAMPLE DESCRIPTION	GLASS	PLASTIC/EnCore	BRASS/SS TUBE	TPH-D (8015M)	8260B*										
MW3	MW-3d5	6/30/09	8:00		/	Soil	/	/	/	/	/							3	Hold 090901-12		
	10		8:05		/		/	/	/	/	/							3	13		
	15		8:10		/		/	/	/	/	/							3	Hold 14		
	20		8:20		/		/	/	/	/	/							3	15		
	25		8:25		/		/	/	/	/	/							3	Hold 16		
	30		8:30		/		/	/	/	/	/							3	17		
	35		8:35		/		/	/	/	/	/							3	Hold 18		
✓	40	✓	8:40		/	✓	/	/	/	/	/							3	19		
										TOTAL NUMBER OF CONTAINERS											
FACILITY NAME				GLOBAL ID				RELINQUISHED BY: (Signature)				DATE/TIME		RECEIVED BY: (Signature)							
Patsouras Property				T10000000614				<i>B Mechem</i>													
								RELINQUISHED BY: (Signature)				DATE/TIME		RECEIVED BY: (Signature)							
SAMPLES SHIPPED VIA:				SHIPPED BY: (Signature)				COURIER: (Signature)				RECEIVED FOR BY: (Signature)		DATE/TIME							
FedEx <input type="checkbox"/> UPS <input type="checkbox"/> Airborne <input type="checkbox"/>																					
Bus <input type="checkbox"/> Hand <input type="checkbox"/>																					
														LAB: Enviro-Chem							
														6-30-09 911							

**Environmental Audit, Inc. ®**

Planning, Environmental Analysis and Hazardous

Substances Management and Remediation

1000 ORTEGA WAY, SUITE A (714) 632-8521

PLACENTIA, CA 92870-7162 FAX (714) 632-6754

Chain of Custody Record

SAMPLING REQUIREMENTS: RCRA ☐ NPDES ☐ SDWA ☐ ☐

WRITTEN QC REPORT EDS: ☒ YES ☐ NO

ROUTINE QC ■

TURNAROUND TIME:

RWOCB OC ☐

SAME DAY ☐ 24hr ☐ 48 hr ☐ NORMAL ☒

PROJECT NO.		PROJECT NAME:					CONTR TYPE		ANALYSIS REQUESTED										REMARKS					
1576		11630-11700 Burke Street																	*VOCs, TPH-G, and oxygenates					
SAMPLER: (Signature)					PROJECT MANAGER:																			
<i>B Meham</i>					Brent Meham																			
FIELD POINT NAME	SAMPLE I.D.	DATE	TIME	COMP	GRAB	SAMPLE DESCRIPTION	GLASS	PLASTIC/EnCore	BRASS/SS TUBE	TPH-D (8015M)	8260B*												NUMBER OF CONTAINERS	REMARKS
Mw-3	Mw-3d 45	6/30/09	8:45		/	Soil		/	/													3	Hold 090701-20	
↓	↓ 50		8:50		/			/	/	/												3	21	
↓	↓ 55		8:55		/			/	/	/												3	Hold 22	
↓	↓ 60		9:00		/			/	/	/												3	23	
Mw-4	Mw-4d 5		11:05		/			/	/	/												3	Hold 24	
↓	↓ 10		11:10		/			/	/	/												3	25	
↓	↓ 15		11:15		/			/	/	/												3	Hold 26	
↓	↓ 20		11:20		/			/	/	/												3	1 27	
																		TOTAL NUMBER OF CONTAINERS		24				
FACILITY NAME					GLOBAL ID					RELINQUISHED BY: (Signature)					DATE/TIME		RECEIVED BY: (Signature)							
Patsouras Property					T10000000614					<i>B Meham</i>														
AMPLES SHIPPED VIA:					SHIPPED BY: (Signature)					COURIER: (Signature)					RECEIVED FOR BY: (Signature)					DATE/TIME				
FedEx <input type="checkbox"/> UPS <input type="checkbox"/> Airborne <input type="checkbox"/>															<i>[Signature]</i>					8/1/09				
Bus <input type="checkbox"/> Hand <input type="checkbox"/> <input type="checkbox"/>															LAB: Enviro-Chem					9/1-				

Enviro - Chem, Inc.

1214 E. Lexington Avenue, Pomona, CA 91766 Tel (909) 590-5905 Fax (909) 590-5907

Date: July 9, 2009

Mr. Brent Mecham
Environmental Audit, Inc.
1000 Ortega Way, Suite A
Placentia, CA 92670-7125
(714) 632-8521 Fax (714) 632-6754

Project: 1576 / 11630-11700 **Burke Street**
Lab I.D.: 090701-12 through -35

Dear Mr. Mecham:

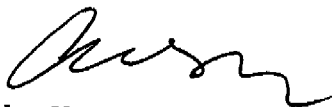
The **analytical results** for the soil samples, received by our laboratory on July 1, 2009, are attached. All samples were received chilled, intact, and accompanying chain of custody.

Enviro-Chem appreciates the opportunity to provide you and your company this and other services. Please do not hesitate to call us if you have any questions.

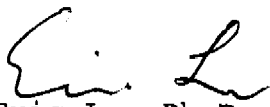
Sincerely,



Curtis Desilets
Vice President/Program Manager



Andy Wang
Laboratory Manager



Eric Lu, Ph.D.
Chief Chemist

Enviro - Chem, Inc.

1214 E. Lexington Avenue, Pomona, CA 91766 Tel (909) 590-5905 Fax (909) 590-5907

LABORATORY REPORT

CUSTOMER: Environmental Audit, Inc.
1000 Ortega Way, Suite A
Placentia, CA 92670-7125
(714) 632-8521 Fax (714) 632-6754

PROJECT: 1576 / 11630-11700 Burke Street

MATRIX: SOILDATE SAMPLED: 06/30/09REPORT TO: MR. BRENT MECHAMDATE RECEIVED: 07/01/09DATE EXTRACTED: 07/01/09DATE ANALYZED: 07/02/09DATE REPORTED: 07/09/09**C11-C22 HYDROCARBONS**

METHOD: EPA 8015B

UNIT: MG/KG = MILLIGRAM PER KILOGRAM = PPM

SAMPLE I.D.	LAB I.D.	C11-C22 RESULT	DF
MW-3d10	090701-13	ND	1
MW-3d20	090701-15	ND	1
MW-3d30	090701-17	ND	1
MW-3d40	090701-19	ND	1
MW-3d50	090701-21	ND	1
MW-3d60	090701-23	ND	1
MW-4d10	090701-25	ND	1
MW-4d20	090701-27	ND	1
MW-4d30	090701-29	ND	1
MW-4d40	090701-31	ND	1
MW-4d55	090701-33	ND	1
MW-4d65	090701-35	ND	1
Method Blank		ND	1

PQL

10

COMMENTS


C11-C22 = DIESEL RANGE

PQL = PRACTICAL QUANTITATION LIMIT

DF = DILUTION FACTOR

ACTUAL DETECTION LIMIT = PQL X DF

ND = NON-DETECTED OR BELOW THE ACTUAL DETECTION LIMIT

Data Reviewed and Approved by: 

CAL-DHS ELAP CERTIFICATE No.: 1555

Enviro Chem, Inc

1214 E. Lexington Avenue, Pomona, CA 91766 Tel (909)590-5905 Fax (909)590-5907

8015B Soil/Solid QC

Date Analyzed: 7/2/2009

Units: mg/Kg (PPM)

Matrix: Soil/Solid

Matrix Spike (MS)/Matrix Spike Duplicate (MSD)

Spiked Sample Lab I.D.: **090701-33 MS/MSD**

Analyte	SR	spk conc	MS	%MS	MSD	%MSD	%RPD	ACP %MS	ACP RPD
C11-C22 Range	0	2500	2578	103%	2598	104%	1%	75-125	0-20%

LCS STD RECOVERY:

Analyte	spk conc	LCS	% REC	ACP
C11-C22 Range	200	220	110%	75-125

Analyzed and Reviewed By: 

Final Reviewer: 

Enviro - Chem, Inc.

1214 E. Lexington Avenue, Pomona, CA 91766 Tel (909) 590-5905 Fax (909) 590-5907

LABORATORY REPORT

CUSTOMER: Environmental Audit, Inc.
1000 Ortega Way, Suite A
Placentia, CA 92670-7125
(714) 632-8521 Fax (714) 632-6754

PROJECT: 1576 / 11630-11700 Burke Street

MATRIX: SOIL

DATE RECEIVED: 07/01/09

DATE SAMPLED: 06/30/09

DATE ANALYZED: 07/01/09

REPORT TO: MR. BRENT MECHAM

DATE REPORTED: 07/09/09

C4-C10 HYDROCARBONS

METHOD: EPA 8260B

UNIT: MG/KG = MILLIGRAM PER KILOGRAM = PPM

SAMPLE I.D.	LAB I.D.	C4-C10 RESULT	DF
MW-3d10	090701-13	ND	1
MW-3d20	090701-15	ND	1
MW-3d30	090701-17	ND	1
MW-3d40	090701-19	ND	1
MW-3d50	090701-21	ND	1
MW-3d60	090701-23	ND	1
MW-4d10	090701-25	ND	1
MW-4d20	090701-27	ND	1
MW-4d30	090701-29	ND	1
MW-4d40	090701-31	ND	1
MW-4d55	090701-33	ND	1
MW-4d65	090701-35	ND	1
Method Blank	---	ND	1

PQL

0.1

COMMENTS


C4-C10 = GASOLINE RANGE

PQL = PRACTICAL QUANTITATION LIMIT

DF = DILUTION FACTOR

ACTUAL DETECTION LIMIT = PQL X DF

ND = NON-DETECTED OR BELOW THE ACTUAL DETECTION LIMIT

Data Reviewed and Approved by: 

CAL-DHS ELAP CERTIFICATE No.: 1555

Enviro - Chem, Inc.

1214 E. Lexington Avenue, Pomona, CA 91766 Tel (909) 590-5905 Fax (909) 590-5907

LABORATORY REPORT

CUSTOMER: Environmental Audit, Inc.
1000 Ortega Way, Suite A
Placentia, CA 92670-7125
(714) 632-8521 Fax (714) 632-6754

PROJECT: 1576 / 11630-11700 Burke Street

MATRIX: SOILDATE RECEIVED: 07/01/09DATE SAMPLED: 06/30/09DATE ANALYZED: 07/01/09REPORT TO: MR. BRENT MECHAMDATE REPORTED: 07/09/09

EPA 5035/8260B FOR FUEL OXYGENATES
UNITS: MG/KG = MILLIGRAM PER KILOGRAM = PPM

SAMPLE I.D.	LAB I.D.	ETBE	DIPE	MTBE	TAME	TBA	DF
MW-3d10	090701-13	ND	ND	ND	ND	ND	1
MW-3d20	090701-15	ND	ND	ND	ND	ND	1
MW-3d30	090701-17	ND	ND	ND	ND	ND	1
MW-3d40	090701-19	ND	ND	ND	ND	ND	1
MW-3d50	090701-21	ND	ND	ND	ND	ND	1
MW-3d60	090701-23	ND	ND	ND	ND	ND	1
MW-4d10	090701-25	ND	ND	ND	ND	ND	1
MW-4d20	090701-27	ND	ND	ND	ND	ND	1
MW-4d30	090701-29	ND	ND	ND	ND	ND	1
MW-4d40	090701-31	ND	ND	ND	ND	ND	1
MW-4d55	090701-33	ND	ND	ND	ND	ND	1
MW-4d65	090701-35	ND	ND	ND	ND	ND	1
Method Blank		ND	ND	ND	ND	ND	1

PQL 0.01 0.01 0.005 0.01 0.05

COMMENTS:

DF = DILUTION FACTOR

PQL = PRACTICAL QUANTITATION LIMIT

ACTUAL DETECTION LIMIT = DF X PQL

ND = NON-DETECTED OR BELOW THE ACTUAL DETECTION LIMIT


ETBE = ETHYL tert-BUTYL ETHER

DIPE = ISOPROPYL ETHER

MTBE = METHYL tert-BUTYL ETHER

TAME = TERT-AMYL METHYL ETHER

TBA = TERTIARY BUTYL ALCOHOL

Data Reviewed and Approved by: 

CAL-DHS ELAP CERTIFICATE No.: 1555

Enviro - Chem, Inc.

1214 E. Lexington Avenue, Pomona, CA 91766 Tel (909) 590-5905 Fax (909) 590-5907

LABORATORY REPORT

CUSTOMER: Environmental Audit, Inc.
1000 Ortega Way, Suite A
Placentia, CA 92670-7125
(714) 632-8521 Fax (714) 632-6754

PROJECT: 1576 / 11630-11700 Burke Street

MATRIX: SOIL

DATE RECEIVED: 07/01/09

DATE SAMPLED: 06/30/09

DATE ANALYZED: 07/01/09

REPORT TO: MR. BRENT MECHAM

DATE REPORTED: 07/09/09

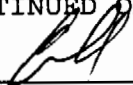
SAMPLE I.D.: MW-3d10

LAB I.D.: 090701-13

ANALYSIS: VOLATILE ORGANICS, EPA METHOD 5035/8260B, PAGE 1 OF 2
UNIT: MG/KG = MILLIGRAM PER KILOGRAM = PPM

PARAMETER	SAMPLE RESULT	PQL X1
ACETONE	ND	0.020
BENZENE	ND	0.005
BROMOBENZENE	ND	0.005
BROMOCHLOROMETHANE	ND	0.005
BROMODICHLOROMETHANE	ND	0.005
BROMOFORM	ND	0.005
BROMOMETHANE	ND	0.005
2-BUTANONE (MEK)	ND	0.020
N-BUTYLBENZENE	ND	0.005
SEC-BUTYLBENZENE	ND	0.005
TERT-BUTYLBENZENE	ND	0.005
CARBON DISULFIDE	ND	0.010
CARBON TETRACHLORIDE	ND	0.005
CHLOROBENZENE	ND	0.005
CHLOROETHANE	ND	0.005
CHLOROFORM	ND	0.005
CHLOROMETHANE	ND	0.005
2-CHLOROTOLUENE	ND	0.005
4-CHLOROTOLUENE	ND	0.005
DIBROMOCHLOROMETHANE	ND	0.005
1,2-DIBROMO-3-CHLOROPROPANE	ND	0.005
1,2-DIBROMOETHANE	ND	0.005
DIBROMOMETHANE	ND	0.005
1,2-DICHLOROBENZENE	ND	0.005
1,3-DICHLOROBENZENE	ND	0.005
1,4-DICHLOROBENZENE	ND	0.005
DICHLORODIFLUOROMETHANE	ND	0.005
1,1-DICHLOROETHANE	ND	0.005
1,2-DICHLOROETHANE	ND	0.005
1,1-DICHLOROETHENE	ND	0.005
CIS-1,2-DICHLOROETHENE	ND	0.005
TRANS-1,2-DICHLOROETHENE	ND	0.005
1,2-DICHLOROPROPANE	ND	0.005

----- TO BE CONTINUED ON PAGE #2 -----

DATA REVIEWED AND APPROVED BY: 

Enviro - Chem, Inc.

1214 E. Lexington Avenue, Pomona, CA 91766 Tel (909) 590-5905 Fax (909) 590-5907

LABORATORY REPORT

CUSTOMER: Environmental Audit, Inc.
1000 Ortega Way, Suite A
Placentia, CA 92670-7125
(714) 632-8521 Fax (714) 632-6754

PROJECT: 1576 / 11630-11700 Burke Street

MATRIX: SOILDATE RECEIVED: 07/01/09DATE SAMPLED: 06/30/09DATE ANALYZED: 07/01/09REPORT TO: MR. BRENT MECHAMDATE REPORTED: 07/09/09SAMPLE I.D.: MW-3d10LAB I.D.: 090701-13

ANALYSIS: VOLATILE ORGANICS, EPA METHOD 5035/8260B, PAGE 2 OF 2
UNIT: MG/KG = MILLIGRAM PER KILOGRAM = PPM

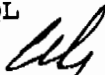
PARAMETER	SAMPLE RESULT	PQL X1
1,3-DICHLOROPROPANE	ND	0.005
2,2-DICHLOROPROPANE	ND	0.005
1,1-DICHLOROPROPENE	ND	0.005
CIS-1,3-DICHLOROPROPENE	ND	0.005
TRANS-1,3-DICHLOROPROPENE	ND	0.005
ETHYLBENZENE	ND	0.005
2-HEXANONE	ND	0.020
HEXACHLOROBUTADIENE	ND	0.005
ISOPROPYLBENZENE	ND	0.005
4-ISOPROPYLTOLUENE	ND	0.005
4-METHYL-2-PENTANONE (MIBK)	ND	0.020
METHYL tert-BUTYL ETHER (MTBE)	ND	0.005
METHYLENE CHLORIDE	ND	0.010
NAPHTHALENE	ND	0.005
N-PROPYLBENZENE	ND	0.005
STYRENE	ND	0.005
1,1,1,2-TETRACHLOROETHANE	ND	0.005
1,1,2,2-TETRACHLOROETHANE	ND	0.005
TETRACHLOROETHENE (PCE)	ND	0.005
TOLUENE	ND	0.005
1,2,3-TRICHLOROBENZENE	ND	0.005
1,2,4-TRICHLOROBENZENE	ND	0.005
1,1,1-TRICHLOROETHANE	ND	0.005
1,1,2-TRICHLOROETHANE	ND	0.005
TRICHLOROETHENE (TCE)	ND	0.005
TRICHLOROFLUOROMETHANE	ND	0.005
1,2,3-TRICHLOROPROPANE	ND	0.005
1,2,4-TRIMETHYLBENZENE	ND	0.005
1,3,5-TRIMETHYLBENZENE	ND	0.005
VINYL CHLORIDE	ND	0.005
M/P-XYLENE	ND	0.010
O-XYLENE	ND	0.005

COMMENTS PQL = PRACTICAL QUANTITATION LIMIT

ND = NON-DETECTED OR BELOW THE PQL

DATA REVIEWED AND APPROVED BY:

CAL-DHS CERTIFICATE # 1555



Enviro - Chem, Inc.

1214 E. Lexington Avenue, Pomona, CA 91766 Tel (909) 590-5905 Fax (909) 590-5907

LABORATORY REPORT

CUSTOMER: Environmental Audit, Inc.
1000 Ortega Way, Suite A
Placentia, CA 92670-7125
(714) 632-8521 Fax (714) 632-6754

PROJECT: 1576 / 11630-11700 Burke Street

MATRIX: SOILDATE RECEIVED: 07/01/09DATE SAMPLED: 06/30/09DATE ANALYZED: 07/01/09REPORT TO: MR. BRENT MECHAMDATE REPORTED: 07/09/09SAMPLE I.D.: MW-3d20LAB I.D.: 090701-15

ANALYSIS: VOLATILE ORGANICS, EPA METHOD 5035/8260B, PAGE 1 OF 2
UNIT: MG/KG = MILLIGRAM PER KILOGRAM = PPM

PARAMETER	SAMPLE RESULT	PQL X1
ACETONE	ND	0.020
BENZENE	ND	0.005
BROMOBENZENE	ND	0.005
BROMOCHLOROMETHANE	ND	0.005
BROMODICHLOROMETHANE	ND	0.005
BROMOFORM	ND	0.005
BROMOMETHANE	ND	0.005
2-BUTANONE (MEK)	ND	0.020
N-BUTYLBENZENE	ND	0.005
SEC-BUTYLBENZENE	ND	0.005
TERT-BUTYLBENZENE	ND	0.005
CARBON DISULFIDE	ND	0.010
CARBON TETRACHLORIDE	ND	0.005
CHLOROBENZENE	ND	0.005
CHLOROETHANE	ND	0.005
CHLOROFORM	ND	0.005
CHLOROMETHANE	ND	0.005
2-CHLOROTOLUENE	ND	0.005
4-CHLOROTOLUENE	ND	0.005
DIBROMOCHLOROMETHANE	ND	0.005
1,2-DIBROMO-3-CHLOROPROPANE	ND	0.005
1,2-DIBROMOETHANE	ND	0.005
DIBROMOMETHANE	ND	0.005
1,2-DICHLOROBENZENE	ND	0.005
1,3-DICHLOROBENZENE	ND	0.005
1,4-DICHLOROBENZENE	ND	0.005
DICHLORODIFLUOROMETHANE	ND	0.005
1,1-DICHLOROETHANE	ND	0.005
1,2-DICHLOROETHANE	ND	0.005
1,1-DICHLOROETHENE	ND	0.005
CIS-1,2-DICHLOROETHENE	ND	0.005
TRANS-1,2-DICHLOROETHENE	ND	0.005
1,2-DICHLOROPROPANE	ND	0.005

----- TO BE CONTINUED ON PAGE #2 -----

DATA REVIEWED AND APPROVED BY: 

Enviro - Chem, Inc.
1214 E. Lexington Avenue, Pomona, CA 91766 Tel (909) 590-5905 Fax (909) 590-5907

LABORATORY REPORT

CUSTOMER: Environmental Audit, Inc.
1000 Ortega Way, Suite A
Placentia, CA 92670-7125
(714) 632-8521 Fax (714) 632-6754

PROJECT: 1576 / 11630-11700 Burke Street

MATRIX: SOIL

DATE RECEIVED: 07/01/09

DATE SAMPLED: 06/30/09

DATE ANALYZED: 07/01/09

REPORT TO: MR. BRENT MECHAM

DATE REPORTED: 07/09/09

SAMPLE I.D.: MW-3d20

LAB I.D.: 090701-15

ANALYSIS: VOLATILE ORGANICS, EPA METHOD 5035/8260B, PAGE 2 OF 2
UNIT: MG/KG = MILLIGRAM PER KILOGRAM = PPM

PARAMETER	SAMPLE RESULT	PQL X1
1,3-DICHLOROPROPANE	ND	0.005
2,2-DICHLOROPROPANE	ND	0.005
1,1-DICHLOROPROPENE	ND	0.005
CIS-1,3-DICHLOROPROPENE	ND	0.005
TRANS-1,3-DICHLOROPROPENE	ND	0.005
ETHYLBENZENE	ND	0.005
2-HEXANONE	ND	0.020
HEXACHLOROBUTADIENE	ND	0.005
ISOPROPYLBENZENE	ND	0.005
4-ISOPROPYLTOLUENE	ND	0.005
4-METHYL-2-PENTANONE (MIBK)	ND	0.020
METHYL tert-BUTYL ETHER (MTBE)	ND	0.005
METHYLENE CHLORIDE	ND	0.010
NAPHTHALENE	ND	0.005
N-PROPYLBENZENE	ND	0.005
STYRENE	ND	0.005
1,1,1,2-TETRACHLOROETHANE	ND	0.005
1,1,2,2-TETRACHLOROETHANE	ND	0.005
TETRACHLOROETHENE (PCE)	ND	0.005
TOLUENE	ND	0.005
1,2,3-TRICHLOROBENZENE	ND	0.005
1,2,4-TRICHLOROBENZENE	ND	0.005
1,1,1-TRICHLOROETHANE	ND	0.005
1,1,2-TRICHLOROETHANE	ND	0.005
TRICHLOROETHENE (TCE)	ND	0.005
TRICHLOROFLUOROMETHANE	ND	0.005
1,2,3-TRICHLOROPROPANE	ND	0.005
1,2,4-TRIMETHYLBENZENE	ND	0.005
1,3,5-TRIMETHYLBENZENE	ND	0.005
VINYL CHLORIDE	ND	0.005
M/P-XYLENE	ND	0.010
O-XYLENE	ND	0.005

COMMENTS PQL = PRACTICAL QUANTITATION LIMIT

ND = NON-DETECTED OR BELOW THE PQL

DATA REVIEWED AND APPROVED BY:

CAL-DHS CERTIFICATE # 1555



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DATE REPORTED: 07/09/09

LAB I.D.: 090701-17

UNIT: MG/KG = MILLIGRAM PER KILOGRAM = PPM

PARAMETER	SAMPLE RESULT	PQL X1
ACETONE	ND	0.020
BENZENE	ND	0.005
BROMOBENZENE	ND	0.005
BROMOCHLOROMETHANE	ND	0.005
BROMODICHLOROMETHANE	ND	0.005
BROMOFORM	ND	0.005
BROMOMETHANE	ND	0.005
2-BUTANONE (MEK)	ND	0.020
N-BUTYLBENZENE	ND	0.005
SEC-BUTYLBENZENE	ND	0.005
TERT-BUTYLBENZENE	ND	0.005
CARBON DISULFIDE	ND	0.010
CARBON TETRACHLORIDE	ND	0.005
CHLOROBENZENE	ND	0.005
CHLOROETHANE	ND	0.005
CHLOROFORM	ND	0.005
CHLOROMETHANE	ND	0.005
2-CHLOROTOLUENE	ND	0.005
4-CHLOROTOLUENE	ND	0.005
DIBROMOCHLOROMETHANE	ND	0.005
1,2-DIBROMO-3-CHLOROPROPANE	ND	0.005
1,2-DIBROMOETHANE	ND	0.005
DIBROMOMETHANE	ND	0.005
1,2-DICHLOROBENZENE	ND	0.005
1,3-DICHLOROBENZENE	ND	0.005
1,4-DICHLOROBENZENE	ND	0.005
DICHLORODIFLUOROMETHANE	ND	0.005
1,1-DICHLOROETHANE	ND	0.005
1,2-DICHLOROETHANE	ND	0.005
1,1-DICHLOROETHENE	ND	0.005
CIS-1,2-DICHLOROETHENE	ND	0.005
TRANS-1,2-DICHLOROETHENE	ND	0.005
1,2-DICHLOROPROPANE	ND	0.005

----- TO BE CONTINUED ON PAGE #2 -----

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LABORATORY REPORT

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PROJECT: 1576 / 11630-11700 Burke Street

MATRIX: SOILDATE RECEIVED: 07/01/09DATE SAMPLED: 06/30/09DATE ANALYZED: 07/01/09REPORT TO: MR. BRENT MECHAMDATE REPORTED: 07/09/09SAMPLE I.D.: MW-3d30LAB I.D.: 090701-17

ANALYSIS: VOLATILE ORGANICS, EPA METHOD 5035/8260B, PAGE 2 OF 2
UNIT: MG/KG = MILLIGRAM PER KILOGRAM = PPM

PARAMETER	SAMPLE RESULT	PQL X1
1,3-DICHLOROPROPANE	ND	0.005
2,2-DICHLOROPROPANE	ND	0.005
1,1-DICHLOROPROPENE	ND	0.005
CIS-1,3-DICHLOROPROPENE	ND	0.005
TRANS-1,3-DICHLOROPROPENE	ND	0.005
ETHYLBENZENE	ND	0.005
2-HEXANONE	ND	0.020
HEXACHLOROBUTADIENE	ND	0.005
ISOPROPYLBENZENE	ND	0.005
4-ISOPROPYLTOLUENE	ND	0.005
4-METHYL-2-PENTANONE (MIBK)	ND	0.020
METHYL tert-BUTYL ETHER (MTBE)	ND	0.005
METHYLENE CHLORIDE	ND	0.010
NAPHTHALENE	ND	0.005
N-PROPYLBENZENE	ND	0.005
STYRENE	ND	0.005
1,1,1,2-TETRACHLOROETHANE	ND	0.005
1,1,2,2-TETRACHLOROETHANE	ND	0.005
TETRACHLOROETHENE (PCE)	ND	0.005
TOLUENE	ND	0.005
1,2,3-TRICHLOROBENZENE	ND	0.005
1,2,4-TRICHLOROBENZENE	ND	0.005
1,1,1-TRICHLOROETHANE	ND	0.005
1,1,2-TRICHLOROETHANE	ND	0.005
TRICHLOROETHENE (TCE)	ND	0.005
TRICHLOROFLUOROMETHANE	ND	0.005
1,2,3-TRICHLOROPROPANE	ND	0.005
1,2,4-TRIMETHYLBENZENE	ND	0.005
1,3,5-TRIMETHYLBENZENE	ND	0.005
VINYL CHLORIDE	ND	0.005
M/P-XYLENE	ND	0.010
O-XYLENE	ND	0.005

COMMENTS PQL = PRACTICAL QUANTITATION LIMIT

ND = NON-DETECTED OR BELOW THE PQL

DATA REVIEWED AND APPROVED BY:

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PROJECT: 1576 / 11630-11700 Burke Street

MATRIX: SOILDATE RECEIVED: 07/01/09DATE SAMPLED: 06/30/09DATE ANALYZED: 07/01/09REPORT TO: MR. BRENT MECHAMDATE REPORTED: 07/09/09SAMPLE I.D.: MW-3d40LAB I.D.: 090701-19

ANALYSIS: VOLATILE ORGANICS, EPA METHOD 5035/8260B, PAGE 1 OF 2

UNIT: MG/KG = MILLIGRAM PER KILOGRAM = PPM

PARAMETER	SAMPLE RESULT	PQL X1
ACETONE	ND	0.020
BENZENE	ND	0.005
BROMOBENZENE	ND	0.005
BROMOCHLOROMETHANE	ND	0.005
BROMODICHLOROMETHANE	ND	0.005
BROMOFORM	ND	0.005
BROMOMETHANE	ND	0.005
2-BUTANONE (MEK)	ND	0.020
N-BUTYLBENZENE	ND	0.005
SEC-BUTYLBENZENE	ND	0.005
TERT-BUTYLBENZENE	ND	0.005
CARBON DISULFIDE	ND	0.010
CARBON TETRACHLORIDE	ND	0.005
CHLOROBENZENE	ND	0.005
CHLOROETHANE	ND	0.005
CHLOROFORM	ND	0.005
CHLOROMETHANE	ND	0.005
2-CHLOROTOLUENE	ND	0.005
4-CHLOROTOLUENE	ND	0.005
DIBROMOCHLOROMETHANE	ND	0.005
1,2-DIBROMO-3-CHLOROPROPANE	ND	0.005
1,2-DIBROMOETHANE	ND	0.005
DIBROMOMETHANE	ND	0.005
1,2-DICHLOROBENZENE	ND	0.005
1,3-DICHLOROBENZENE	ND	0.005
1,4-DICHLOROBENZENE	ND	0.005
DICHLORODIFLUOROMETHANE	ND	0.005
1,1-DICHLOROETHANE	ND	0.005
1,2-DICHLOROETHANE	ND	0.005
1,1-DICHLOROETHENE	ND	0.005
CIS-1,2-DICHLOROETHENE	ND	0.005
TRANS-1,2-DICHLOROETHENE	ND	0.005
1,2-DICHLOROPROPANE	ND	0.005

----- TO BE CONTINUED ON PAGE #2 -----

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PROJECT: 1576 / 11630-11700 Burke Street

MATRIX: SOIL

DATE RECEIVED: 07/01/09

DATE SAMPLED: 06/30/09

DATE ANALYZED: 07/01/09

REPORT TO: MR. BRENT MECHAM

DATE REPORTED: 07/09/09

SAMPLE I.D.: MW-3d40

LAB I.D.: 090701-19

ANALYSIS: VOLATILE ORGANICS, EPA METHOD 5035/8260B, PAGE 2 OF 2
UNIT: MG/KG = MILLIGRAM PER KILOGRAM = PPM

PARAMETER	SAMPLE RESULT	PQL X1
1,3-DICHLOROPROPANE	ND	0.005
2,2-DICHLOROPROPANE	ND	0.005
1,1-DICHLOROPROPENE	ND	0.005
CIS-1,3-DICHLOROPROPENE	ND	0.005
TRANS-1,3-DICHLOROPROPENE	ND	0.005
ETHYLBENZENE	ND	0.005
2-HEXANONE	ND	0.020
HEXACHLOROBUTADIENE	ND	0.005
ISOPROPYLBENZENE	ND	0.005
4-ISOPROPYLTOLUENE	ND	0.005
4-METHYL-2-PENTANONE (MIBK)	ND	0.020
METHYL tert-BUTYL ETHER (MTBE)	ND	0.005
METHYLENE CHLORIDE	ND	0.010
NAPHTHALENE	ND	0.005
N-PROPYLBENZENE	ND	0.005
STYRENE	ND	0.005
1,1,1,2-TETRACHLOROETHANE	ND	0.005
1,1,2,2-TETRACHLOROETHANE	ND	0.005
TETRACHLOROETHENE (PCE)	ND	0.005
TOLUENE	ND	0.005
1,2,3-TRICHLOROBENZENE	ND	0.005
1,2,4-TRICHLOROBENZENE	ND	0.005
1,1,1-TRICHLOROETHANE	ND	0.005
1,1,2-TRICHLOROETHANE	ND	0.005
TRICHLOROETHENE (TCE)	ND	0.005
TRICHLOROFLUOROMETHANE	ND	0.005
1,2,3-TRICHLOROPROPANE	ND	0.005
1,2,4-TRIMETHYLBENZENE	ND	0.005
1,3,5-TRIMETHYLBENZENE	ND	0.005
VINYL CHLORIDE	ND	0.005
M/P-XYLENE	ND	0.010
O-XYLENE	ND	0.005

COMMENTS PQL = PRACTICAL QUANTITATION LIMIT

ND = NON-DETECTED OR BELOW THE PQL

DATA REVIEWED AND APPROVED BY:

CAL-DHS CERTIFICATE # 1555

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PROJECT: 1576 / 11630-11700 Burke Street

MATRIX: SOIL

DATE RECEIVED: 07/01/09

DATE SAMPLED: 06/30/09

DATE ANALYZED: 07/01/09

REPORT TO: MR. BRENT MECHAM

DATE REPORTED: 07/09/09

SAMPLE I.D.: MW-3d50

LAB I.D.: 090701-21

ANALYSIS: VOLATILE ORGANICS, EPA METHOD 5035/8260B, PAGE 1 OF 2

UNIT: MG/KG = MILLIGRAM PER KILOGRAM = PPM

PARAMETER	SAMPLE RESULT	PQL X1
ACETONE	ND	0.020
BENZENE	ND	0.005
BROMOBENZENE	ND	0.005
BROMOCHLOROMETHANE	ND	0.005
BROMODICHLOROMETHANE	ND	0.005
BROMOFORM	ND	0.005
BROMOMETHANE	ND	0.005
2-BUTANONE (MEK)	ND	0.020
N-BUTYLBENZENE	ND	0.005
SEC-BUTYLBENZENE	ND	0.005
TERT-BUTYLBENZENE	ND	0.005
CARBON DISULFIDE	ND	0.010
CARBON TETRACHLORIDE	ND	0.005
CHLOROBENZENE	ND	0.005
CHLOROETHANE	ND	0.005
CHLOROFORM	ND	0.005
CHLOROMETHANE	ND	0.005
2-CHLOROTOLUENE	ND	0.005
4-CHLOROTOLUENE	ND	0.005
DIBROMOCHLOROMETHANE	ND	0.005
1,2-DIBROMO-3-CHLOROPROPANE	ND	0.005
1,2-DIBROMOETHANE	ND	0.005
DIBROMOMETHANE	ND	0.005
1,2-DICHLOROBENZENE	ND	0.005
1,3-DICHLOROBENZENE	ND	0.005
1,4-DICHLOROBENZENE	ND	0.005
DICHLORODIFLUOROMETHANE	ND	0.005
1,1-DICHLOROETHANE	ND	0.005
1,2-DICHLOROETHANE	ND	0.005
1,1-DICHLOROETHENE	ND	0.005
CIS-1,2-DICHLOROETHENE	ND	0.005
TRANS-1,2-DICHLOROETHENE	ND	0.005
1,2-DICHLOROPROPANE	ND	0.005

----- TO BE CONTINUED ON PAGE #2 -----

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PROJECT: 1576 / 11630-11700 Burke Street

MATRIX: SOILDATE RECEIVED: 07/01/09DATE SAMPLED: 06/30/09DATE ANALYZED: 07/01/09REPORT TO: MR. BRENT MECHAMDATE REPORTED: 07/09/09

SAMPLE I.D.: MW-3d50

LAB I.D.: 090701-21

ANALYSIS: VOLATILE ORGANICS, EPA METHOD 5035/8260B, PAGE 2 OF 2
UNIT: MG/KG = MILLIGRAM PER KILOGRAM = PPM

PARAMETER	SAMPLE RESULT	PQL X1
1,3-DICHLOROPROPANE	ND	0.005
2,2-DICHLOROPROPANE	ND	0.005
1,1-DICHLOROPROPENE	ND	0.005
CIS-1,3-DICHLOROPROPENE	ND	0.005
TRANS-1,3-DICHLOROPROPENE	ND	0.005
ETHYLBENZENE	ND	0.005
2-HEXANONE	ND	0.020
HEXACHLOROBUTADIENE	ND	0.005
ISOPROPYLBENZENE	ND	0.005
4-ISOPROPYLTOLUENE	ND	0.005
4-METHYL-2-PENTANONE (MIBK)	ND	0.020
METHYL tert-BUTYL ETHER (MTBE)	ND	0.005
METHYLENE CHLORIDE	ND	0.010
NAPHTHALENE	ND	0.005
N-PROPYLBENZENE	ND	0.005
STYRENE	ND	0.005
1,1,1,2-TETRACHLOROETHANE	ND	0.005
1,1,2,2-TETRACHLOROETHANE	ND	0.005
TETRACHLOROETHENE (PCE)	ND	0.005
TOLUENE	ND	0.005
1,2,3-TRICHLOROBENZENE	ND	0.005
1,2,4-TRICHLOROBENZENE	ND	0.005
1,1,1-TRICHLOROETHANE	ND	0.005
1,1,2-TRICHLOROETHANE	ND	0.005
TRICHLOROETHENE (TCE)	ND	0.005
TRICHLOROFLUOROMETHANE	ND	0.005
1,2,3-TRICHLOROPROPANE	ND	0.005
1,2,4-TRIMETHYLBENZENE	ND	0.005
1,3,5-TRIMETHYLBENZENE	ND	0.005
VINYL CHLORIDE	ND	0.005
M/P-XYLENE	ND	0.010
O-XYLENE	ND	0.005

COMMENTS PQL = PRACTICAL QUANTITATION LIMIT

ND = NON-DETECTED OR BELOW THE PQL

DATA REVIEWED AND APPROVED BY: 

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PROJECT: 1576 / 11630-11700 Burke Street

MATRIX: SOIL

DATE RECEIVED: 07/01/09

DATE SAMPLED: 06/30/09

DATE ANALYZED: 07/01/09

REPORT TO: MR. BRENT MECHAM

DATE REPORTED: 07/09/09

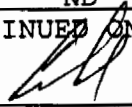
SAMPLE I.D.: MW-3d60

LAB I.D.: 090701-23

ANALYSIS: VOLATILE ORGANICS, EPA METHOD 5035/8260B, PAGE 1 OF 2
UNIT: MG/KG = MILLIGRAM PER KILOGRAM = PPM

PARAMETER	SAMPLE RESULT	PQL X1
ACETONE	ND	0.020
BENZENE	ND	0.005
BROMOBENZENE	ND	0.005
BROMOCHLOROMETHANE	ND	0.005
BROMODICHLOROMETHANE	ND	0.005
BROMOFORM	ND	0.005
BROMOMETHANE	ND	0.005
2-BUTANONE (MEK)	ND	0.020
N-BUTYLBENZENE	ND	0.005
SEC-BUTYLBENZENE	ND	0.005
TERT-BUTYLBENZENE	ND	0.005
CARBON DISULFIDE	ND	0.010
CARBON TETRACHLORIDE	ND	0.005
CHLOROBENZENE	ND	0.005
CHLOROETHANE	ND	0.005
CHLOROFORM	ND	0.005
CHLOROMETHANE	ND	0.005
2-CHLOROTOLUENE	ND	0.005
4-CHLOROTOLUENE	ND	0.005
DIBROMOCHLOROMETHANE	ND	0.005
1,2-DIBROMO-3-CHLOROPROPANE	ND	0.005
1,2-DIBROMOETHANE	ND	0.005
DIBROMOMETHANE	ND	0.005
1,2-DICHLOROBENZENE	ND	0.005
1,3-DICHLOROBENZENE	ND	0.005
1,4-DICHLOROBENZENE	ND	0.005
DICHLORODIFLUOROMETHANE	ND	0.005
1,1-DICHLOROETHANE	ND	0.005
1,2-DICHLOROETHANE	ND	0.005
1,1-DICHLOROETHENE	ND	0.005
CIS-1,2-DICHLOROETHENE	ND	0.005
TRANS-1,2-DICHLOROETHENE	ND	0.005
1,2-DICHLOROPROPANE	ND	0.005

----- TO BE CONTINUED ON PAGE #2 -----

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PROJECT: 1576 / 11630-11700 Burke Street

MATRIX: SOILDATE RECEIVED: 07/01/09DATE SAMPLED: 06/30/09DATE ANALYZED: 07/01/09REPORT TO: MR. BRENT MECHAMDATE REPORTED: 07/09/09SAMPLE I.D.: MW-3d60

LAB I.D.: 090701-23

ANALYSIS: VOLATILE ORGANICS, EPA METHOD 5035/8260B, PAGE 2 OF 2
UNIT: MG/KG = MILLIGRAM PER KILOGRAM = PPM

PARAMETER	SAMPLE RESULT	PQL X1
1,3-DICHLOROPROPANE	ND	0.005
2,2-DICHLOROPROPANE	ND	0.005
1,1-DICHLOROPROPENE	ND	0.005
CIS-1,3-DICHLOROPROPENE	ND	0.005
TRANS-1,3-DICHLOROPROPENE	ND	0.005
ETHYLBENZENE	ND	0.005
2-HEXANONE	ND	0.020
HEXACHLOROBUTADIENE	ND	0.005
ISOPROPYLBENZENE	ND	0.005
4-ISOPROPYLTOLUENE	ND	0.005
4-METHYL-2-PENTANONE (MIBK)	ND	0.020
METHYL tert-BUTYL ETHER (MTBE)	ND	0.005
METHYLENE CHLORIDE	ND	0.010
NAPHTHALENE	ND	0.005
N-PROPYLBENZENE	ND	0.005
STYRENE	ND	0.005
1,1,1,2-TETRACHLOROETHANE	ND	0.005
1,1,2,2-TETRACHLOROETHANE	ND	0.005
TETRACHLOROETHENE (PCE)	ND	0.005
TOLUENE	ND	0.005
1,2,3-TRICHLOROBENZENE	ND	0.005
1,2,4-TRICHLOROBENZENE	ND	0.005
1,1,1-TRICHLOROETHANE	ND	0.005
1,1,2-TRICHLOROETHANE	ND	0.005
TRICHLOROETHENE (TCE)	ND	0.005
TRICHLOROFLUOROMETHANE	ND	0.005
1,2,3-TRICHLOROPROPANE	ND	0.005
1,2,4-TRIMETHYLBENZENE	ND	0.005
1,3,5-TRIMETHYLBENZENE	ND	0.005
VINYL CHLORIDE	ND	0.005
M/P-XYLENE	ND	0.010
O-XYLENE	ND	0.005

COMMENTS PQL = PRACTICAL QUANTITATION LIMIT

ND = NON-DETECTED OR BELOW THE PQL

DATA REVIEWED AND APPROVED BY:

CAL-DHS CERTIFICATE # 1555



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PROJECT: 1576 / 11630-11700 Burke Street

MATRIX: SOIL

DATE SAMPLED: 06/30/09

REPORT TO: MR. BRENT MECHAM

DATE RECEIVED: 07/01/09

DATE ANALYZED: 07/01/09

DATE REPORTED: 07/09/09

SAMPLE I.D.: MW-4d10

LAB I.D.: 090701-25

ANALYSIS: VOLATILE ORGANICS, EPA METHOD 5035/8260B, PAGE 1 OF 2

UNIT: MG/KG = MILLIGRAM PER KILOGRAM = PPM

PARAMETER	SAMPLE RESULT	PQL X1
ACETONE	ND	0.020
BENZENE	ND	0.005
BROMOBENZENE	ND	0.005
BROMOCHLOROMETHANE	ND	0.005
BROMODICHLOROMETHANE	ND	0.005
BROMOFORM	ND	0.005
BROMOMETHANE	ND	0.005
2-BUTANONE (MEK)	ND	0.020
N-BUTYLBENZENE	ND	0.005
SEC-BUTYLBENZENE	ND	0.005
TERT-BUTYLBENZENE	ND	0.005
CARBON DISULFIDE	ND	0.010
CARBON TETRACHLORIDE	ND*	0.005
CHLOROBENZENE	ND	0.005
CHLOROETHANE	ND	0.005
CHLOROFORM	ND	0.005
CHLOROMETHANE	ND	0.005
2-CHLOROTOLUENE	ND	0.005
4-CHLOROTOLUENE	ND	0.005
DIBROMOCHLOROMETHANE	ND	0.005
1,2-DIBROMO-3-CHLOROPROPANE	ND	0.005
1,2-DIBROMOETHANE	ND	0.005
DIBROMOMETHANE	ND	0.005
1,2-DICHLOROBENZENE	ND	0.005
1,3-DICHLOROBENZENE	ND	0.005
1,4-DICHLOROBENZENE	ND	0.005
DICHLORODIFLUOROMETHANE	ND	0.005
1,1-DICHLOROETHANE	ND	0.005
1,2-DICHLOROETHANE	ND	0.005
1,1-DICHLOROETHENE	ND	0.005
CIS-1,2-DICHLOROETHENE	ND	0.005
TRANS-1,2-DICHLOROETHENE	ND	0.005
1,2-DICHLOROPROPANE	ND	0.005

----- TO BE CONTINUED ON PAGE #2 -----

DATA REVIEWED AND APPROVED BY: _____

Enviro - Chem, Inc.

1214 E. Lexington Avenue, Pomona, CA 91766 Tel (909) 590-5905 Fax (909) 590-5907

LABORATORY REPORT

CUSTOMER: Environmental Audit, Inc.
1000 Ortega Way, Suite A
Placentia, CA 92670-7125
(714) 632-8521 Fax (714) 632-6754

PROJECT: 1576 / 11630-11700 Burke Street

MATRIX: SOILDATE RECEIVED: 07/01/09DATE SAMPLED: 06/30/09DATE ANALYZED: 07/01/09REPORT TO: MR. BRENT MECHAMDATE REPORTED: 07/09/09SAMPLE I.D.: MW-4d10

LAB I.D.: 090701-25

ANALYSIS: VOLATILE ORGANICS, EPA METHOD 5035/8260B, PAGE 2 OF 2
UNIT: MG/KG = MILLIGRAM PER KILOGRAM = PPM

PARAMETER	SAMPLE RESULT	PQL X1
1,3-DICHLOROPROPANE	ND	0.005
2,2-DICHLOROPROPANE	ND	0.005
1,1-DICHLOROPROPENE	ND	0.005
CIS-1,3-DICHLOROPROPENE	ND	0.005
TRANS-1,3-DICHLOROPROPENE	ND	0.005
ETHYLBENZENE	ND	0.005
2-HEXANONE	ND	0.020
HEXACHLOROBUTADIENE	ND	0.005
ISOPROPYLBENZENE	ND	0.005
4-ISOPROPYLTOLUENE	ND	0.005
4-METHYL-2-PENTANONE (MIBK)	ND	0.020
METHYL tert-BUTYL ETHER (MTBE)	ND	0.005
METHYLENE CHLORIDE	ND	0.010
NAPHTHALENE	ND	0.005
N-PROPYLBENZENE	ND	0.005
STYRENE	ND	0.005
1,1,1,2-TETRACHLOROETHANE	ND	0.005
1,1,2,2-TETRACHLOROETHANE	ND	0.005
TETRACHLOROETHENE (PCE)	ND	0.005
TOLUENE	ND	0.005
1,2,3-TRICHLOROBENZENE	ND	0.005
1,2,4-TRICHLOROBENZENE	ND	0.005
1,1,1-TRICHLOROETHANE	ND	0.005
1,1,2-TRICHLOROETHANE	ND	0.005
TRICHLOROETHENE (TCE)	ND	0.005
TRICHLOROFLUOROMETHANE	ND	0.005
1,2,3-TRICHLOROPROPANE	ND	0.005
1,2,4-TRIMETHYLBENZENE	ND	0.005
1,3,5-TRIMETHYLBENZENE	ND	0.005
VINYL CHLORIDE	ND	0.005
M/P-XYLENE	ND	0.010
O-XYLENE	ND	0.005

COMMENTS PQL = PRACTICAL QUANTITATION LIMIT

ND = NON-DETECTED OR BELOW THE PQL

DATA REVIEWED AND APPROVED BY:

CAL-DHS CERTIFICATE # 1555



Enviro - Chem, Inc.

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LABORATORY REPORT

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1000 Ortega Way, Suite A
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PROJECT: 1576 / 11630-11700 Burke Street

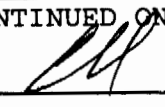
MATRIX: SOILDATE RECEIVED: 07/01/09DATE SAMPLED: 06/30/09DATE ANALYZED: 07/01/09REPORT TO: MR. BRENT MECHAMDATE REPORTED: 07/09/09SAMPLE I.D.: MW-4d20LAB I.D.: 090701-27

ANALYSIS: VOLATILE ORGANICS, EPA METHOD 5035/8260B, PAGE 1 OF 2

UNIT: MG/KG = MILLIGRAM PER KILOGRAM = PPM

PARAMETER	SAMPLE RESULT	PQL X1
ACETONE	ND	0.020
BENZENE	ND	0.005
BROMOBENZENE	ND	0.005
BROMOCHLOROMETHANE	ND	0.005
BROMODICHLOROMETHANE	ND	0.005
BROMOFORM	ND	0.005
BROMOMETHANE	ND	0.005
2-BUTANONE (MEK)	ND	0.020
N-BUTYLBENZENE	ND	0.005
SEC-BUTYLBENZENE	ND	0.005
TERT-BUTYLBENZENE	ND	0.005
CARBON DISULFIDE	ND	0.010
CARBON TETRACHLORIDE	ND	0.005
CHLOROBENZENE	ND	0.005
CHLOROETHANE	ND	0.005
CHLOROFORM	ND	0.005
CHLOROMETHANE	ND	0.005
2-CHLOROTOLUENE	ND	0.005
4-CHLOROTOLUENE	ND	0.005
DIBROMOCHLOROMETHANE	ND	0.005
1,2-DIBROMO-3-CHLOROPROPANE	ND	0.005
1,2-DIBROMOETHANE	ND	0.005
DIBROMOMETHANE	ND	0.005
1,2-DICHLOROBENZENE	ND	0.005
1,3-DICHLOROBENZENE	ND	0.005
1,4-DICHLOROBENZENE	ND	0.005
DICHLORODIFLUOROMETHANE	ND	0.005
1,1-DICHLOROETHANE	ND	0.005
1,2-DICHLOROETHANE	ND	0.005
1,1-DICHLOROETHENE	ND	0.005
CIS-1,2-DICHLOROETHENE	ND	0.005
TRANS-1,2-DICHLOROETHENE	ND	0.005
1,2-DICHLOROPROPANE	ND	0.005

----- TO BE CONTINUED ON PAGE #2 -----

DATA REVIEWED AND APPROVED BY: 

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LABORATORY REPORT

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PROJECT: 1576 / 11630-11700 Burke Street

MATRIX: SOIL

DATE RECEIVED: 07/01/09

DATE SAMPLED: 06/30/09

DATE ANALYZED: 07/01/09

REPORT TO: MR. BRENT MECHAM

DATE REPORTED: 07/09/09

SAMPLE I.D.: MW-4d20

LAB I.D.: 090701-27

ANALYSIS: VOLATILE ORGANICS, EPA METHOD 5035/8260B, PAGE 2 OF 2
UNIT: MG/KG = MILLIGRAM PER KILOGRAM = PPM

PARAMETER	SAMPLE RESULT	PQL X1
1,3-DICHLOROPROPANE	ND	0.005
2,2-DICHLOROPROPANE	ND	0.005
1,1-DICHLOROPROPENE	ND	0.005
CIS-1,3-DICHLOROPROPENE	ND	0.005
TRANS-1,3-DICHLOROPROPENE	ND	0.005
ETHYLBENZENE	ND	0.005
2-HEXANONE	ND	0.020
HEXACHLOROBUTADIENE	ND	0.005
ISOPROPYLBENZENE	ND	0.005
4-ISOPROPYLTOLUENE	ND	0.005
4-METHYL-2-PENTANONE (MIBK)	ND	0.020
METHYL tert-BUTYL ETHER (MTBE)	ND	0.005
METHYLENE CHLORIDE	ND	0.010
NAPHTHALENE	ND	0.005
N-PROPYLBENZENE	ND	0.005
STYRENE	ND	0.005
1,1,1,2-TETRACHLOROETHANE	ND	0.005
1,1,2,2-TETRACHLOROETHANE	ND	0.005
TETRACHLOROETHENE (PCE)	ND	0.005
TOLUENE	ND	0.005
1,2,3-TRICHLOROBENZENE	ND	0.005
1,2,4-TRICHLOROBENZENE	ND	0.005
1,1,1-TRICHLOROETHANE	ND	0.005
1,1,2-TRICHLOROETHANE	ND	0.005
TRICHLOROETHENE (TCE)	ND	0.005
TRICHLOROFLUOROMETHANE	ND	0.005
1,2,3-TRICHLOROPROPANE	ND	0.005
1,2,4-TRIMETHYLBENZENE	ND	0.005
1,3,5-TRIMETHYLBENZENE	ND	0.005
VINYL CHLORIDE	ND	0.005
M/P-XYLENE	ND	0.010
O-XYLENE	ND	0.005

COMMENTS PQL = PRACTICAL QUANTITATION LIMIT

ND = NON-DETECTED OR BELOW THE PQL

DATA REVIEWED AND APPROVED BY:

CAL-DHS CERTIFICATE # 1555

Enviro - Chem, Inc.

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LABORATORY REPORT

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PROJECT: 1576 / 11630-11700 Burke Street

MATRIX: SOIL

DATE RECEIVED: 07/01/09

DATE SAMPLED: 06/30/09

DATE ANALYZED: 07/01/09

REPORT TO: MR. BRENT MECHAM

DATE REPORTED: 07/09/09

SAMPLE I.D.: MW-4d30

LAB I.D.: 090701-29

ANALYSIS: VOLATILE ORGANICS, EPA METHOD 5035/8260B, PAGE 1 OF 2
UNIT: MG/KG = MILLIGRAM PER KILOGRAM = PPM

PARAMETER	SAMPLE RESULT	PQL X1
ACETONE	ND	0.020
BENZENE	ND	0.005
BROMOBENZENE	ND	0.005
BROMOCHLOROMETHANE	ND	0.005
BROMODICHLOROMETHANE	ND	0.005
BROMOFORM	ND	0.005
BROMOMETHANE	ND	0.005
2-BUTANONE (MEK)	ND	0.020
N-BUTYLBENZENE	ND	0.005
SEC-BUTYLBENZENE	ND	0.005
TERT-BUTYLBENZENE	ND	0.005
CARBON DISULFIDE	ND	0.010
CARBON TETRACHLORIDE	ND	0.005
CHLOROBENZENE	ND	0.005
CHLOROETHANE	ND	0.005
CHLOROFORM	ND	0.005
CHLOROMETHANE	ND	0.005
2-CHLOROTOLUENE	ND	0.005
4-CHLOROTOLUENE	ND	0.005
DIBROMOCHLOROMETHANE	ND	0.005
1,2-DIBROMO-3-CHLOROPROPANE	ND	0.005
1,2-DIBROMOETHANE	ND	0.005
DIBROMOMETHANE	ND	0.005
1,2-DICHLOROBENZENE	ND	0.005
1,3-DICHLOROBENZENE	ND	0.005
1,4-DICHLOROBENZENE	ND	0.005
DICHLORODIFLUOROMETHANE	ND	0.005
1,1-DICHLOROETHANE	ND	0.005
1,2-DICHLOROETHANE	ND	0.005
1,1-DICHLOROETHENE	ND	0.005
CIS-1,2-DICHLOROETHENE	ND	0.005
TRANS-1,2-DICHLOROETHENE	ND	0.005
1,2-DICHLOROPROPANE	ND	0.005

----- TO BE CONTINUED ON PAGE #2 -----

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PROJECT: 1576 / 11630-11700 Burke Street

MATRIX: SOIL

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REPORT TO: MR. BRENT MECHAM

DATE REPORTED: 07/09/09

SAMPLE I.D.: MW-4d30

LAB I.D.: 090701-29

ANALYSIS: VOLATILE ORGANICS, EPA METHOD 5035/8260B, PAGE 2 OF 2
UNIT: MG/KG = MILLIGRAM PER KILOGRAM = PPM

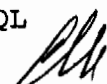
PARAMETER	SAMPLE RESULT	PQL X1
1,3-DICHLOROPROPANE	ND	0.005
2,2-DICHLOROPROPANE	ND	0.005
1,1-DICHLOROPROPENE	ND	0.005
CIS-1,3-DICHLOROPROPENE	ND	0.005
TRANS-1,3-DICHLOROPROPENE	ND	0.005
ETHYLBENZENE	ND	0.005
2-HEXANONE	ND	0.020
HEXACHLOROBUTADIENE	ND	0.005
ISOPROPYLBENZENE	ND	0.005
4-ISOPROPYLTOLUENE	ND	0.005
4-METHYL-2-PENTANONE (MIBK)	ND	0.020
METHYL tert-BUTYL ETHER (MTBE)	ND	0.005
METHYLENE CHLORIDE	ND	0.010
NAPHTHALENE	ND	0.005
N-PROPYLBENZENE	ND	0.005
STYRENE	ND	0.005
1,1,1,2-TETRACHLOROETHANE	ND	0.005
1,1,2,2-TETRACHLOROETHANE	ND	0.005
TETRACHLOROETHENE (PCE)	ND	0.005
TOLUENE	ND	0.005
1,2,3-TRICHLOROBENZENE	ND	0.005
1,2,4-TRICHLOROBENZENE	ND	0.005
1,1,1-TRICHLOROETHANE	ND	0.005
1,1,2-TRICHLOROETHANE	ND	0.005
TRICHLOROETHENE (TCE)	ND	0.005
TRICHLOROFLUOROMETHANE	ND	0.005
1,2,3-TRICHLOROPROPANE	ND	0.005
1,2,4-TRIMETHYLBENZENE	ND	0.005
1,3,5-TRIMETHYLBENZENE	ND	0.005
VINYL CHLORIDE	ND	0.005
M/P-XYLENE	ND	0.010
O-XYLENE	ND	0.005

COMMENTS PQL = PRACTICAL QUANTITATION LIMIT

ND = NON-DETECTED OR BELOW THE PQL

DATA REVIEWED AND APPROVED BY:

CAL-DHS CERTIFICATE # 1555



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PROJECT: 1576 / 11630-11700 Burke Street

MATRIX: SOIL

DATE RECEIVED: 07/01/09

DATE SAMPLED: 06/30/09

DATE ANALYZED: 07/01/09

REPORT TO: MR. BRENT MECHAM

DATE REPORTED: 07/09/09

SAMPLE I.D.: MW-4d40

LAB I.D.: 090701-31

ANALYSIS: VOLATILE ORGANICS, EPA METHOD 5035/8260B, PAGE 1 OF 2
UNIT: MG/KG = MILLIGRAM PER KILOGRAM = PPM

PARAMETER	SAMPLE RESULT	PQL X1
ACETONE	ND	0.020
BENZENE	ND	0.005
BROMOBENZENE	ND	0.005
BROMOCHLOROMETHANE	ND	0.005
BROMODICHLOROMETHANE	ND	0.005
BROMOFORM	ND	0.005
BROMOMETHANE	ND	0.005
2-BUTANONE (MEK)	ND	0.020
N-BUTYLBENZENE	ND	0.005
SEC-BUTYLBENZENE	ND	0.005
TERT-BUTYLBENZENE	ND	0.005
CARBON DISULFIDE	ND	0.010
CARBON TETRACHLORIDE	ND	0.005
CHLOROBENZENE	ND	0.005
CHLOROETHANE	ND	0.005
CHLOROFORM	ND	0.005
CHLOROMETHANE	ND	0.005
2-CHLOROTOLUENE	ND	0.005
4-CHLOROTOLUENE	ND	0.005
DIBROMOCHLOROMETHANE	ND	0.005
1,2-DIBROMO-3-CHLOROPROPANE	ND	0.005
1,2-DIBROMOETHANE	ND	0.005
DIBROMOMETHANE	ND	0.005
1,2-DICHLOROBENZENE	ND	0.005
1,3-DICHLOROBENZENE	ND	0.005
1,4-DICHLOROBENZENE	ND	0.005
DICHLORODIFLUOROMETHANE	ND	0.005
1,1-DICHLOROETHANE	ND	0.005
1,2-DICHLOROETHANE	ND	0.005
1,1-DICHLOROETHENE	ND	0.005
CIS-1,2-DICHLOROETHENE	ND	0.005
TRANS-1,2-DICHLOROETHENE	ND	0.005
1,2-DICHLOROPROPANE	ND	0.005

----- TO BE CONTINUED ON PAGE #2 -----

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LABORATORY REPORT

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PROJECT: 1576 / 11630-11700 Burke Street

MATRIX: SOIL

DATE RECEIVED: 07/01/09

DATE SAMPLED: 06/30/09

DATE ANALYZED: 07/01/09

REPORT TO: MR. BRENT MECHAM

DATE REPORTED: 07/09/09

SAMPLE I.D.: MW-4d40

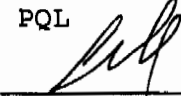
LAB I.D.: 090701-31

ANALYSIS: VOLATILE ORGANICS, EPA METHOD 5035/8260B, PAGE 2 OF 2
UNIT: MG/KG = MILLIGRAM PER KILOGRAM = PPM

PARAMETER	SAMPLE RESULT	PQL X1
1,3-DICHLOROPROPANE	ND	0.005
2,2-DICHLOROPROPANE	ND	0.005
1,1-DICHLOROPROPENE	ND	0.005
CIS-1,3-DICHLOROPROPENE	ND	0.005
TRANS-1,3-DICHLOROPROPENE	ND	0.005
ETHYLBENZENE	ND	0.005
2-HEXANONE	ND	0.020
HEXACHLOROBUTADIENE	ND	0.005
ISOPROPYLBENZENE	ND	0.005
4-ISOPROPYLTOLUENE	ND	0.005
4-METHYL-2-PENTANONE (MIBK)	ND	0.020
METHYL tert-BUTYL ETHER (MTBE)	ND	0.005
METHYLENE CHLORIDE	ND	0.010
NAPHTHALENE	ND	0.005
N-PROPYLBENZENE	ND	0.005
STYRENE	ND	0.005
1,1,1,2-TETRACHLOROETHANE	ND	0.005
1,1,2,2-TETRACHLOROETHANE	ND	0.005
TETRACHLOROETHENE (PCE)	ND	0.005
TOLUENE	ND	0.005
1,2,3-TRICHLOROBENZENE	ND	0.005
1,2,4-TRICHLOROBENZENE	ND	0.005
1,1,1-TRICHLOROETHANE	ND	0.005
1,1,2-TRICHLOROETHANE	ND	0.005
TRICHLOROETHENE (TCE)	ND	0.005
TRICHLOROFLUOROMETHANE	ND	0.005
1,2,3-TRICHLOROPROPANE	ND	0.005
1,2,4-TRIMETHYLBENZENE	ND	0.005
1,3,5-TRIMETHYLBENZENE	ND	0.005
VINYL CHLORIDE	ND	0.005
M/P-XYLENE	ND	0.010
O-XYLENE	ND	0.005

COMMENTS PQL = PRACTICAL QUANTITATION LIMIT

ND = NON-DETECTED OR BELOW THE PQL

DATA REVIEWED AND APPROVED BY: 

CAL-DHS CERTIFICATE # 1555

Enviro - Chem, Inc.

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LABORATORY REPORT

CUSTOMER: Environmental Audit, Inc.
1000 Ortega Way, Suite A
Placentia, CA 92670-7125
(714) 632-8521 Fax (714) 632-6754

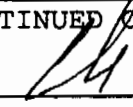
PROJECT: 1576 / 11630-11700 Burke Street

MATRIX: SOILDATE RECEIVED: 07/01/09DATE SAMPLED: 06/30/09DATE ANALYZED: 07/01/09REPORT TO: MR. BRENT MECHAMDATE REPORTED: 07/09/09SAMPLE I.D.: MW-4d55LAB I.D.: 090701-33

ANALYSIS: VOLATILE ORGANICS, EPA METHOD 5035/8260B, PAGE 1 OF 2
UNIT: MG/KG = MILLIGRAM PER KILOGRAM = PPM

PARAMETER	SAMPLE RESULT	PQL X1
ACETONE	ND	0.020
BENZENE	ND	0.005
BROMOBENZENE	ND	0.005
BROMOCHLOROMETHANE	ND	0.005
BROMODICHLOROMETHANE	ND	0.005
BROMOFORM	ND	0.005
BROMOMETHANE	ND	0.005
2-BUTANONE (MEK)	ND	0.020
N-BUTYLBENZENE	ND	0.005
SEC-BUTYLBENZENE	ND	0.005
TERT-BUTYLBENZENE	ND	0.005
CARBON DISULFIDE	ND	0.010
CARBON TETRACHLORIDE	ND	0.005
CHLOROBENZENE	ND	0.005
CHLOROETHANE	ND	0.005
CHLOROFORM	ND	0.005
CHLOROMETHANE	ND	0.005
2-CHLOROTOLUENE	ND	0.005
4-CHLOROTOLUENE	ND	0.005
DIBROMOCHLOROMETHANE	ND	0.005
1,2-DIBROMO-3-CHLOROPROPANE	ND	0.005
1,2-DIBROMOETHANE	ND	0.005
DIBROMOMETHANE	ND	0.005
1,2-DICHLOROBENZENE	ND	0.005
1,3-DICHLOROBENZENE	ND	0.005
1,4-DICHLOROBENZENE	ND	0.005
DICHLORODIFLUOROMETHANE	ND	0.005
1,1-DICHLOROETHANE	ND	0.005
1,2-DICHLOROETHANE	ND	0.005
1,1-DICHLOROETHENE	ND	0.005
CIS-1,2-DICHLOROETHENE	ND	0.005
TRANS-1,2-DICHLOROETHENE	ND	0.005
1,2-DICHLOROPROPANE	ND	0.005

----- TO BE CONTINUED ON PAGE #2 -----

DATA REVIEWED AND APPROVED BY: 

LABORATORY REPORT

CUSTOMER: Environmental Audit, Inc.
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Placentia, CA 92670-7125
(714) 632-8521 Fax (714) 632-6754

PROJECT: 1576 / 11630-11700 Burke Street

MATRIX: SOIL

DATE SAMPLED: 06/30/09

REPORT TO: MR. BRENT MECHAM

DATE RECEIVED: 07/01/09

DATE ANALYZED: 07/01/09

DATE REPORTED: 07/09/09

SAMPLE I.D.: MW-4d55

LAB I.D.: 090701-33

ANALYSIS: VOLATILE ORGANICS, EPA METHOD 5035/8260B, PAGE 2 OF 2
UNIT: MG/KG = MILLIGRAM PER KILOGRAM = PPM

PARAMETER	SAMPLE RESULT	PQL X1
1,3-DICHLOROPROPANE	ND	0.005
2,2-DICHLOROPROPANE	ND	0.005
1,1-DICHLOROPROPENE	ND	0.005
CIS-1,3-DICHLOROPROPENE	ND	0.005
TRANS-1,3-DICHLOROPROPENE	ND	0.005
ETHYLBENZENE	ND	0.005
2-HEXANONE	ND	0.020
HEXACHLOROBUTADIENE	ND	0.005
ISOPROPYLBENZENE	ND	0.005
4-ISOPROPYLTOLUENE	ND	0.005
4-METHYL-2-PENTANONE (MIBK)	ND	0.020
METHYL tert-BUTYL ETHER (MTBE)	ND	0.005
METHYLENE CHLORIDE	ND	0.010
NAPHTHALENE	ND	0.005
N-PROPYLBENZENE	ND	0.005
STYRENE	ND	0.005
1,1,1,2-TETRACHLOROETHANE	ND	0.005
1,1,2,2-TETRACHLOROETHANE	ND	0.005
TETRACHLOROETHENE (PCE)	ND	0.005
TOLUENE	ND	0.005
1,2,3-TRICHLOROBENZENE	ND	0.005
1,2,4-TRICHLOROBENZENE	ND	0.005
1,1,1-TRICHLOROETHANE	ND	0.005
1,1,2-TRICHLOROETHANE	ND	0.005
TRICHLOROETHENE (TCE)	ND	0.005
TRICHLOROFLUOROMETHANE	ND	0.005
1,2,3-TRICHLOROPROPANE	ND	0.005
1,2,4-TRIMETHYLBENZENE	ND	0.005
1,3,5-TRIMETHYLBENZENE	ND	0.005
VINYL CHLORIDE	ND	0.005
M/P-XYLENE	ND	0.010
O-XYLENE	ND	0.005

COMMENTS PQL = PRACTICAL QUANTITATION LIMIT

ND = NON-DETECTED OR BELOW THE PQL

DATA REVIEWED AND APPROVED BY:

CAL-DHS CERTIFICATE # 1555

Enviro - Chem, Inc.

1214 E. Lexington Avenue, Pomona, CA 91766 Tel (909) 590-5905 Fax (909) 590-5907

LABORATORY REPORT

CUSTOMER: Environmental Audit, Inc.
1000 Ortega Way, Suite A
Placentia, CA 92670-7125
(714) 632-8521 Fax (714) 632-6754

PROJECT: 1576 / 11630-11700 Burke Street

MATRIX: SOILDATE RECEIVED: 07/01/09DATE SAMPLED: 06/30/09DATE ANALYZED: 07/01/09REPORT TO: MR. BRENT MECHAMDATE REPORTED: 07/09/09

SAMPLE I.D.: MW-4d65

LAB I.D.: 090701-35

ANALYSIS: VOLATILE ORGANICS, EPA METHOD 5035/8260B, PAGE 1 OF 2

UNIT: MG/KG = MILLIGRAM PER KILOGRAM = PPM

PARAMETER	SAMPLE RESULT	PQL X1
ACETONE	ND	0.020
BENZENE	ND	0.005
BROMOBENZENE	ND	0.005
BROMOCHLOROMETHANE	ND	0.005
BROMODICHLOROMETHANE	ND	0.005
BROMOFORM	ND	0.005
BROMOMETHANE	ND	0.005
2-BUTANONE (MEK)	ND	0.020
N-BUTYLBENZENE	ND	0.005
SEC-BUTYLBENZENE	ND	0.005
TERT-BUTYLBENZENE	ND	0.005
CARBON DISULFIDE	ND	0.010
CARBON TETRACHLORIDE	ND	0.005
CHLOROBENZENE	ND	0.005
CHLOROETHANE	ND	0.005
CHLOROFORM	ND	0.005
CHLOROMETHANE	ND	0.005
2-CHLOROTOLUENE	ND	0.005
4-CHLOROTOLUENE	ND	0.005
DIBROMOCHLOROMETHANE	ND	0.005
1,2-DIBROMO-3-CHLOROPROPANE	ND	0.005
1,2-DIBROMOETHANE	ND	0.005
DIBROMOMETHANE	ND	0.005
1,2-DICHLOROBENZENE	ND	0.005
1,3-DICHLOROBENZENE	ND	0.005
1,4-DICHLOROBENZENE	ND	0.005
DICHLORODIFLUOROMETHANE	ND	0.005
1,1-DICHLOROETHANE	ND	0.005
1,2-DICHLOROETHANE	ND	0.005
1,1-DICHLOROETHENE	ND	0.005
CIS-1,2-DICHLOROETHENE	ND	0.005
TRANS-1,2-DICHLOROETHENE	ND	0.005
1,2-DICHLOROPROPANE	ND	0.005

----- TO BE CONTINUED ON PAGE #2 -----

DATA REVIEWED AND APPROVED BY: 

LABORATORY REPORT

CUSTOMER: Environmental Audit, Inc.
1000 Ortega Way, Suite A
Placentia, CA 92670-7125
(714) 632-8521 Fax (714) 632-6754

PROJECT: 1576 / 11630-11700 Burke Street

MATRIX: SOIL

DATE RECEIVED: 07/01/09

DATE SAMPLED: 06/30/09

DATE ANALYZED: 07/01/09

REPORT TO: MR. BRENT MECHAM

DATE REPORTED: 07/09/09

SAMPLE I.D.: MW-4d65

LAB I.D.: 090701-35

ANALYSIS: VOLATILE ORGANICS, EPA METHOD 5035/8260B, PAGE 2 OF 2
UNIT: MG/KG = MILLIGRAM PER KILOGRAM = PPM

PARAMETER	SAMPLE RESULT	PQL X1
1,3-DICHLOROPROPANE	ND	0.005
2,2-DICHLOROPROPANE	ND	0.005
1,1-DICHLOROPROPENE	ND	0.005
CIS-1,3-DICHLOROPROPENE	ND	0.005
TRANS-1,3-DICHLOROPROPENE	ND	0.005
ETHYLBENZENE	ND	0.005
2-HEXANONE	ND	0.020
HEXACHLOROBUTADIENE	ND	0.005
ISOPROPYLBENZENE	ND	0.005
4-ISOPROPYLTOLUENE	ND	0.005
4-METHYL-2-PENTANONE (MIBK)	ND	0.020
METHYL tert-BUTYL ETHER (MTBE)	ND	0.005
METHYLENE CHLORIDE	ND	0.010
NAPHTHALENE	ND	0.005
N-PROPYLBENZENE	ND	0.005
STYRENE	ND	0.005
1,1,1,2-TETRACHLOROETHANE	ND	0.005
1,1,2,2-TETRACHLOROETHANE	ND	0.005
TETRACHLOROETHENE (PCE)	ND	0.005
TOLUENE	ND	0.005
1,2,3-TRICHLOROBENZENE	ND	0.005
1,2,4-TRICHLOROBENZENE	ND	0.005
1,1,1-TRICHLOROETHANE	ND	0.005
1,1,2-TRICHLOROETHANE	ND	0.005
TRICHLOROETHENE (TCE)	ND	0.005
TRICHLOROFLUOROMETHANE	ND	0.005
1,2,3-TRICHLOROPROPANE	ND	0.005
1,2,4-TRIMETHYLBENZENE	ND	0.005
1,3,5-TRIMETHYLBENZENE	ND	0.005
VINYL CHLORIDE	ND	0.005
M/P-XYLENE	ND	0.010
O-XYLENE	ND	0.005

COMMENTS PQL = PRACTICAL QUANTITATION LIMIT

ND = NON-DETECTED OR BELOW THE PQL

DATA REVIEWED AND APPROVED BY: 

CAL-DHS CERTIFICATE # 1555

Enviro - Chem, Inc.

1214 E. Lexington Avenue, Pomona, CA 91766 Tel (909) 590-5905 Fax (909) 590-5907

METHOD BLANK REPORT

CUSTOMER: Environmental Audit, Inc.
1000 Ortega Way, Suite A
Placentia, CA 92670-7125
(714) 632-8521 Fax (714) 632-6754

PROJECT: 1576 / 11630-11700 Burke Street

MATRIX: SOIL

DATE RECEIVED: 07/01/09

DATE SAMPLED: 06/30/09

DATE ANALYZED: 07/01/09

REPORT TO: MR. BRENT MECHAM

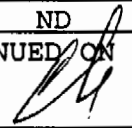
DATE REPORTED: 07/09/09

METHOD BLANK FOR LAB I.D.: 090701-13, -15, -17,
-19, -21, -23, 25, -27, -29, -31, -33, -35

ANALYSIS: VOLATILE ORGANICS, EPA METHOD 5035/8260B, PAGE 1 OF 2
UNIT: MG/KG = MILLIGRAM PER KILOGRAM = PPM

PARAMETER	SAMPLE RESULT	PQL X1
ACETONE	ND	0.020
BENZENE	ND	0.005
BROMOBENZENE	ND	0.005
BROMOCHLOROMETHANE	ND	0.005
BROMODICHLOROMETHANE	ND	0.005
BROMOFORM	ND	0.005
BROMOMETHANE	ND	0.005
2-BUTANONE (MEK)	ND	0.020
N-BUTYLBENZENE	ND	0.005
SEC-BUTYLBENZENE	ND	0.005
TERT-BUTYLBENZENE	ND	0.005
CARBON DISULFIDE	ND	0.010
CARBON TETRACHLORIDE	ND	0.005
CHLOROBENZENE	ND	0.005
CHLOROETHANE	ND	0.005
CHLOROFORM	ND	0.005
CHLOROMETHANE	ND	0.005
2-CHLOROTOLUENE	ND	0.005
4-CHLOROTOLUENE	ND	0.005
DIBROMOCHLOROMETHANE	ND	0.005
1,2-DIBROMO-3-CHLOROPROPANE	ND	0.005
1,2-DIBROMOETHANE	ND	0.005
DIBROMOMETHANE	ND	0.005
1,2-DICHLOROBENZENE	ND	0.005
1,3-DICHLOROBENZENE	ND	0.005
1,4-DICHLOROBENZENE	ND	0.005
DICHLORODIFLUOROMETHANE	ND	0.005
1,1-DICHLOROETHANE	ND	0.005
1,2-DICHLOROETHANE	ND	0.005
1,1-DICHLOROETHENE	ND	0.005
CIS-1,2-DICHLOROETHENE	ND	0.005
TRANS-1,2-DICHLOROETHENE	ND	0.005
1,2-DICHLOROPROPANE	ND	0.005

----- TO BE CONTINUED ON PAGE #2 -----

DATA REVIEWED AND APPROVED BY: 

Enviro - Chem, Inc.

1214 E. Lexington Avenue, Pomona, CA 91766 Tel (909) 590-5905 Fax (909) 590-5907

METHOD BLANK REPORT

CUSTOMER: Environmental Audit, Inc.
1000 Ortega Way, Suite A
Placentia, CA 92670-7125
(714) 632-8521 Fax (714) 632-6754

PROJECT: 1576 / 11630-11700 Burke Street

MATRIX: SOILDATE RECEIVED: 07/01/09DATE SAMPLED: 06/30/09DATE ANALYZED: 07/01/09REPORT TO: MR. BRENT MECHAMDATE REPORTED: 07/09/09

METHOD BLANK FOR LAB I.D.: 090701-13, -15, -17,
-19, -21, -23, 25, -27, -29, -31, -33, -35

ANALYSIS: VOLATILE ORGANICS, EPA METHOD 5035/8260B, PAGE 2 OF 2

UNIT: MG/KG = MILLIGRAM PER KILOGRAM = PPM

PARAMETER	SAMPLE RESULT	PQL X1
1,3-DICHLOROPROPANE	ND	0.005
2,2-DICHLOROPROPANE	ND	0.005
1,1-DICHLOROPROPENE	ND	0.005
CIS-1,3-DICHLOROPROPENE	ND	0.005
TRANS-1,3-DICHLOROPROPENE	ND	0.005
ETHYLBENZENE	ND	0.005
2-HEXANONE	ND	0.020
HEXACHLOROBUTADIENE	ND	0.005
ISOPROPYLBENZENE	ND	0.005
4-ISOPROPYLTOLUENE	ND	0.005
4-METHYL-2-PENTANONE (MIBK)	ND	0.020
METHYL tert-BUTYL ETHER (MTBE)	ND	0.005
METHYLENE CHLORIDE	ND	0.010
NAPHTHALENE	ND	0.005
N-PROPYLBENZENE	ND	0.005
STYRENE	ND	0.005
1,1,1,2-TETRACHLOROETHANE	ND	0.005
1,1,2,2-TETRACHLOROETHANE	ND	0.005
TETRACHLOROETHENE (PCE)	ND	0.005
TOLUENE	ND	0.005
1,2,3-TRICHLOROBENZENE	ND	0.005
1,2,4-TRICHLOROBENZENE	ND	0.005
1,1,1-TRICHLOROETHANE	ND	0.005
1,1,2-TRICHLOROETHANE	ND	0.005
TRICHLOROETHENE (TCE)	ND	0.005
TRICHLOROFLUOROMETHANE	ND	0.005
1,2,3-TRICHLOROPROPANE	ND	0.005
1,2,4-TRIMETHYLBENZENE	ND	0.005
1,3,5-TRIMETHYLBENZENE	ND	0.005
VINYL CHLORIDE	ND	0.005
M/P-XYLENE	ND	0.010
O-XYLENE	ND	0.005

COMMENTS PQL = PRACTICAL QUANTITATION LIMIT

ND = NON-DETECTED OR BELOW THE PQL

DATA REVIEWED AND APPROVED BY:

CAL-DHS CERTIFICATE # 1555

Enviro-Chem, Inc.

1214 E. Lexington Avenue, Pomona, CA 91766

Tel (909)590-5905

Fax (909)590-5907

8260B QA/QC Report

Date Analyzed: 7/1/2009

Machine: C

Matrix: Solid/Soil/Sludge

Unit: mg/Kg (PPM)

Matrix Spike (MS)/Matrix Spike Duplicate (MSD)

Spiked Sample Lab I.D.: 090630-174 MS/MSD

Analyte	S.R.	spk conc	MS	%RC	MSD	%RC	%RPD	ACP %RC	ACP RPD
Benzene	0	0.050	0.053	106%	0.053	106%	0%	75-125	0-20
Chlorobenzene	0	0.050	0.048	96%	0.047	94%	2%	75-125	0-20
1,1-Dichloroethene	0	0.050	0.059	118%	0.059	118%	0%	75-125	0-20
Toluene	0	0.050	0.056	112%	0.059	118%	6%	75-125	0-20
Trichloroethene (TCE)	0	0.050	0.050	100%	0.049	98%	2%	75-125	0-20

Lab Control Spike (LCS):

Analyte	spk conc	LCS	%RC	ACP %RC
Benzene	0.050	0.050	100%	75-125
Chlorobenzene	0.050	0.043	86%	75-125
Chloroform	0.050	0.045	90%	75-125
1,1-Dichloroethene	0.050	0.047	94%	75-125
Ethylbenzene	0.050	0.052	104%	75-125
o-Xylene	0.050	0.053	106%	75-125
m,p-Xylene	0.100	0.098	98%	75-125
Toluene	0.050	0.058	116%	75-125
1,1,1-Trichloroethane	0.050	0.053	106%	75-125
Trichloroethene (TCE)	0.050	0.055	110%	75-125

Surrogate Recovery	spk conc	ACP %RC	%RC	%RC	%RC	%RC	%RC	%RC	%RC
Sample I.D.			M-BLK	090630-174	090630-175	090630-176	090630-177	090630-178	090630-179
Dibromofluoromethane	50.0	70-130	105%	110%	117%	117%	115%	104%	116%
Toluene-d8	50.0	70-130	99%	102%	99%	102%	98%	98%	101%
4-Bromofluorobenzene	50.0	70-130	83%	85%	83%	82%	84%	81%	87%

Surrogate Recovery	spk conc	ACP %RC	%RC	%RC	%RC	%RC	%RC	%RC	%RC
Sample I.D.			090630-180	090630-181	090701-13	090701-15	090701-17	090701-19	090701-21
Dibromofluoromethane	50.0	70-130	110%	114%	113%	118%	118%	116%	119%
Toluene-d8	50.0	70-130	100%	101%	107%	104%	100%	100%	100%
4-Bromofluorobenzene	50.0	70-130	87%	86%	87%	91%	85%	84%	81%

Surrogate Recovery	spk conc	ACP %RC	%RC	%RC	%RC	%RC	%RC	%RC	%RC
Sample I.D.			090701-23	090701-25	090701-27	090701-29	090701-31	090701-33	090701-35
Dibromofluoromethane	50.0	70-130	117%	103%	97%	98%	109%	116%	117%
Toluene-d8	50.0	70-130	99%	100%	100%	101%	99%	98%	100%
4-Bromofluorobenzene	50.0	70-130	80%	82%	85%	80%	86%	82%	83%

* = Surrogate fail due to matrix interference; LCS, MS, MSD are in control therefore the analysis is in control.

S.R. = Sample Results

spk conc = Spike Concentration

MS = Matrix Spike

%RC = Percent Recovery

ACP %RC = Accepted Percent Recovery

MSD = Matrix Spike Duplicate

Analyzed/Reviewed By: Sch

Final Reviewer: CM

**Planning, Environmental Analysis and Hazardous
Substances Management and Remediation**
1000 ORTEGA WAY, SUITE A (714) 632-8521
PLACENTIA, CA 92870-7162 FAX (714) 632-6754

SAMPLING REQUIREMENTS: RCRA ☐ NPDES ☐ SDWA ☐ ☐

WRITTEN QC REPORT EDS: YES ☒ NO ☐

ROUTINE OC ■

TURNAROUND TIME:

RWQCB QC ☐

SAME DAY ☐ 24hr ☐ 48 hr ☐ NORMAL ☒

PROJECT NO.		PROJECT NAME:						CONTR TYPE		ANALYSIS REQUESTED										REMARKS			
1576		Burke Street																		* Must include oxygenates			
SAMPLER: (Signature)					PROJECT MANAGER:			GLASS	PLASTIC	BRASS/SS TUBE	TPH-G 8015M	TPH-D 8015M	8260B*	Total Chrom. 200.7	Hex Chrome. 218.6							NUMBER OF CONTAINERS	
<i>B Mechem</i>					Brent Mecham																		
SAMPLE NUMBER	DATE	TIME	COMP	GRAB	SAMPLE DESCRIPTION																		
MW-3	7/14/09	12:00	/	/	Water	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	5	3VOAs, 1 liter amber, 500 ml plastic	
MW-4	↓	1:30	/	/	↓	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	5		
MW-2	↓	1:40	/	/	↓	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	5		
TOTAL NUMBER OF CONTAINERS																15							
FACILITY NAME						GLOBAL ID						RELINQUISHED BY: (Signature)						DATE/TIME		RECEIVED BY: (Signature)			
Patsouras Property						T10000000614						<i>B Mechem</i>											
SAMPLES SHIPPED VIA:						SHIPPED BY: (Signature)						COURIER: (Signature)						DATE/TIME		RECEIVED FOR BY: (Signature)			
FedEx <input type="checkbox"/> UPS <input type="checkbox"/> Airborne <input type="checkbox"/>																							
Bus <input type="checkbox"/> Hand <input type="checkbox"/>																							

Enviro - Chem, Inc.

1214 E. Lexington Avenue, Pomona, CA 91766 Tel (909) 590-5905 Fax (909) 590-5907

Date: July 22, 2009

Mr. Brent Mecham
Environmental Audit, Inc.
1000 Ortega Way, Suite A
Placentia, CA 92670-7125
(714) 632-8521 Fax (714) 632-6754

Project: 1576 / Burke Street
Lab I.D.: 090715-151, -152, -153

Dear Mr. Mecham:

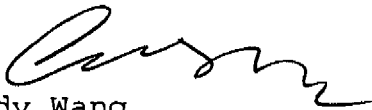
The **analytical results** for the water samples, received by our laboratory on July 15, 2009, are attached. All samples were received chilled, intact, and accompanying chain of custody.

Enviro-Chem appreciates the opportunity to provide you and your company this and other services. Please do not hesitate to call us if you have any questions.

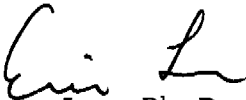
Sincerely,



Curtis Desilets
Vice President/Program Manager



Andy Wang
Laboratory Manager



Eric Lu, Ph.D.
Chief Chemist

Enviro - Chem, Inc.
1214 E. Lexington Avenue, Pomona, CA 91766 Tel (909) 590-5905 Fax (909) 590-5907

LABORATORY REPORT

CUSTOMER: Environmental Audit, Inc.
1000 Ortega Way, Suite A
Placentia, CA 92670-7125
(714) 632-8521 Fax (714) 632-6754

PROJECT: 1576 / Burke Street

MATRIX: WATER

DATE RECEIVED: 07/15/09

DATE SAMPLED: 07/14/09

DATE ANALYZED: 07/16/09

REPORT TO: MR. BRENT MECHAM

DATE REPORTED: 07/22/09

C4-C10 HYDROCARBONS

METHOD: EPA 5030B/8015B

UNIT: ug/L = MICROGRAM PER LITER = PPB

SAMPLE I.D.	LAB I.D.	C4-C10 RESULT	DF
MW-3	090715-151	ND	1
MW-4	090715-152	ND	1
MW-2	090715-153	ND	1
Method Blank	---	ND	1
	PQL	50.0	

COMMENTS

C4-C10 = GASOLINE RANGE

PQL = PRACTICAL QUANTITATION LIMIT

DF = DILUTION FACTOR

ACTUAL DETECTION LIMIT = PQL X DF

ND = NON-DETECTED OR BELOW THE ACTUAL DETECTION LIMIT

Data Reviewed and Approved by: 22

CAL-DHS ELAP CERTIFICATE No.: 1555

Enviro Chem, Inc

1214 E. Lexington Avenue, Pomona, CA 91766

Tel (909)590-5905

Fax (909)590-5907

Gas/BTEX QC

Date Analyzed: 7/16/2009

Units: ug/L (PPB)

Matrix: **WATER**

Matrix Spike (MS)/Matrix Spike Duplicate (MSD)

Splked Sample Lab I.D.: **090715-151 MS/MSD**

Analyte	S.R.	spk conc	MS	%REC	MSD	%REC	%RPD	ACP %REC	ACP %RPD
Gasoline Range	0	500	491	98%	534	107%	8%	75-125	<20%
Benzene	0	50.0	50.3	101%	47.1	94%	7%	75-125	<20%
Toluene	0	50.0	50.9	102%	47.4	95%	7%	75-125	<20%
Ethylbenzene	0	50.0	50.6	101%	46.9	94%	8%	75-125	<20%

LCS STD RECOVERY:

Analyte	spk conc	LCS	% REC	ACP
Gasoline Range	500	462	92%	75-125
Benzene	50.0	49.5	99%	75-125
Toluene	50.0	49.5	99%	75-125
Ethylbenzene	50.0	49.5	99%	75-125

Surrogate Recovery	ACP %REC	%REC	%REC	%REC	%REC	%REC	%REC	%REC	%REC
Sample I.D.		MB	090714-77	090714-78	090714-79	090715-151	090715-152	090715-153	
BFB	70-130	129%	121%	129%	121%	109%	125%	126%	

Surrogate Recovery	ACP %REC	%REC	%REC	%REC	%REC	%REC	%REC	%REC	%REC
Sample I.D.									
BFB	70-130								

Surrogate Recovery	ACP %REC	%REC	%REC	%REC	%REC	%REC
Sample I.D.						
BFB	70-130					

S.R. = Sample Result

spk conc = Spike Concentration

%REC = Percent Recovery

ACP %RPD = Acceptable Percent RPD Range

ACP %REC = Acceptable Percent Recovery Range

* = Surrogate fail due to matrix interference (If marked)

Note: LCS, MS, MSD are in control therefore results are in control.

Analyzed and Reviewed By: 

Final Reviewer: 26

Enviro - Chem, Inc.
1214 E. Lexington Avenue, Pomona, CA 91766 Tel (909) 590-5905 Fax (909) 590-5907

LABORATORY REPORT

CUSTOMER: Environmental Audit, Inc.
1000 Ortega Way, Suite A
Placentia, CA 92670-7125
(714) 632-8521 Fax (714) 632-6754

PROJECT: 1576 / Burke Street

MATRIX: <u>WATER</u>	DATE RECEIVED: <u>07/15/09</u>
DATE SAMPLED: <u>07/14/09</u>	DATE EXTRACTED: <u>07/16/09</u>
REPORT TO: <u>MR. BRENT MECHAM</u>	DATE ANALYZED: <u>07/17/09</u>
	DATE REPORTED: <u>07/22/09</u>

C11-C22 HYDROCARBONS

METHOD: EPA 8015B

UNIT: ug/L = MICROGRAM PER LITER = PPB

SAMPLE I.D.	LAB I.D.	C11-C22 RESULT	DF
MW-3	090715-151	ND	1
MW-4	090715-152	ND	1
MW-2	090715-153	ND	1
Method Blank		ND	1

PQL

500

COMMENTS

C11-C22 = DIESEL RANGE

PQL = PRACTICAL QUANTITATION LIMIT

DF = DILUTION FACTOR

ACTUAL DETECTION LIMIT = PQL X DF

ND = NON-DETECTED OR BELOW THE ACTUAL DETECTION LIMIT

Data Reviewed and Approved by:
CAL-DHS ELAP CERTIFICATE No.: 1555

Enviro Chem, Inc

1214 E. Lexington Avenue, Pomona, CA 91766

Tel (909)590-5905 Fax (909)590-5907

8015 B Water QC

Date Analyzed: 7/17/2009

Units: ug/L (PPB)

Matrix: Water

Matrix Spike (MS)/Matrix Spike Duplicate (MSD)

Spiked Sample Lab I.D.: **090715-170 MS/MSD**

Analyte	SR	spk conc	MS	%MS	MSD	%MSD	%RPD	ACP %MS	ACP RPD
DIESEL	0	150000	147132	98%	145824	97%	1%	75-125	0-20%

LCS STD RECOVERY:

Analyte	spk conc	LCS	% REC	ACP
DIESEL	12000	13800	115%	75-125

Analyzed and Reviewed by: 

Final Reviewer: 

Enviro - Chem, Inc.
1214 E. Lexington Avenue, Pomona, CA 91766 Tel (909) 590-5905 Fax (909) 590-5907

LABORATORY REPORT

CUSTOMER: Environmental Audit, Inc.
1000 Ortega Way, Suite A
Placentia, CA 92670-7125
(714) 632-8521 Fax (714) 632-6754

PROJECT: 1576 / Burke Street

MATRIX: WATER

DATE RECEIVED: 07/15/09

DATE SAMPLED: 07/14/09

DATE ANALYZED: 07/16-17/09

REPORT TO: MR. BRENT MECHAM

DATE REPORTED: 07/22/09

SAMPLE I.D.: MW-3

LAB I.D.: 090715-151

TOTAL METALS ANALYSIS

UNIT: mg/L = MILLIGRAM PER LITER = PPM

ELEMENT ANALYZED	SAMPLE RESULT	PQL	DF	EPA METHOD
Chromium(Cr), Total	ND	0.01	1	200.7
Chromium VI(Cr 6)	ND	0.0002	1	218.6

COMMENTS

DF = Dilution Factor

PQL = Practical Quantitation Limit

Actual Detection Limit = PQL X DF

ND = Below the Actual Detection limit or non-detected

Data Reviewed and Approved by: 2-L

CAL-DHS ELAP CERTIFICATE No.: 1555

Enviro - Chem, Inc.

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LABORATORY REPORT

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PROJECT: 1576 / Burke Street

MATRIX: WATER

DATE RECEIVED: 07/15/09

DATE SAMPLED: 07/14/09

DATE ANALYZED: 07/16-17/09

REPORT TO: MR. BRENT MECHAM

DATE REPORTED: 07/22/09

SAMPLE I.D.: MW-4

LAB I.D.: 090715-152

TOTAL METALS ANALYSIS

UNIT: mg/L = MILLIGRAM PER LITER = PPM

ELEMENT ANALYZED	SAMPLE RESULT	PQL	DF	EPA METHOD
Chromium(Cr), Total	ND	0.01	1	200.7
Chromium VI (Cr 6)	0.00443	0.0002	1	218.6

COMMENTS

DF = Dilution Factor

PQL = Practical Quantitation Limit

Actual Detection Limit = PQL X DF

ND = Below the Actual Detection limit or non-detected

Data Reviewed and Approved by: 7.2

CAL-DHS ELAP CERTIFICATE No.: 1555

Enviro - Chem, Inc.

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LABORATORY REPORT

CUSTOMER: Environmental Audit, Inc.
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Placentia, CA 92670-7125
(714) 632-8521 Fax (714) 632-6754

PROJECT: 1576 / Burke Street

MATRIX: WATER

DATE RECEIVED: 07/15/09

DATE SAMPLED: 07/14/09

DATE ANALYZED: 07/16-17/09

REPORT TO: MR. BRENT MECHAM

DATE REPORTED: 07/22/09

SAMPLE I.D.: MW-2

LAB I.D.: 090715-153

TOTAL METALS ANALYSIS

UNIT: mg/L = MILLIGRAM PER LITER = PPM

ELEMENT ANALYZED	SAMPLE RESULT	PQL	DF	EPA METHOD
Chromium(Cr), Total	0.061	0.01	1	200.7
Chromium VI(Cr 6)	0.00432	0.0002	1	218.6

COMMENTS

DF = Dilution Factor

PQL = Practical Quantitation Limit

Actual Detection Limit = PQL X DF

Data Reviewed and Approved by: 7C

CAL-DHS ELAP CERTIFICATE No.: 1555

Enviro - Chem, Inc.

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METHOD BLANK REPORT

CUSTOMER: Environmental Audit, Inc.
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Placentia, CA 92670-7125
(714) 632-8521 Fax (714) 632-6754

PROJECT: 1576 / Burke Street

MATRIX: WATER

DATE RECEIVED: 07/15/09

DATE SAMPLED: 07/14/09

DATE ANALYZED: 07/16-17/09

REPORT TO: MR. BRENT MECHAM

DATE REPORTED: 07/22/09

METHOD BLANK FOR LAB I.D.: 090715-151, -152, -153

TOTAL METALS ANALYSIS

UNIT: mg/L = MILLIGRAM PER LITER = PPM

TABLE WITH 5 COLUMNS: ELEMENT ANALYZED, SAMPLE RESULT, PQL, DF, EPA METHOD
Chromium(Cr), Total ND 0.01 1 200.7
Chromium VI(Cr 6) ND 0.0002 1 218.6

COMMENTS

DF = Dilution Factor

PQL = Practical Quantitation Limit

Actual Detection Limit = PQL X DF

ND = Below the Actual Detection limit or non-detected

Data Reviewed and Approved by: 7L

CAL-DHS ELAP CERTIFICATE No.: 1555

QA/QC for TLLC Metals Analysis --WATER MATRIX

Matrix Spike/ Matrix Spike Duplicate/ LCS :

ANALYSIS DATE: 7/16/2009

Unit : mg/L(ppm)

Analysis	Spk.Sample ID	LCS CONC.	LCS %Rec.	LCS STATUS	Sample Result	Spike Conc.	MS	% Rec MS	MSD	% Rec MSD	% RPD
Calcium (Ca)	090714-66	1.00	99	PASS	0.138	1.00	1.14	100%	1.15	101%	1%
Lead (Pb)	090714-66	1.00	108	PASS	0	1.00	1.07	107%	1.08	108%	1%
Chromium (Cr)	090714-66	1.00	103	PASS	0	1.00	1.03	103%	1.04	104%	1%

ANALYSIS DATE. : 7/1/2009

Analysis	Spk.Sample ID	LCS CONC.	LCS %Rec.	LCS STATUS	Sample Result	Spike Conc.	MS	% Rec MS	MSD	% Rec MSD	% RPD
Mercury (Hg)	090701-3	0.00250	92.0	PASS	0	0.00250	0.00208	83%	0.00220	88%	6%

MS/MSD Status:

Analysis	%MS	%MSD	%LCS	%RPD
Calcium (Ca)	PASS	PASS	PASS	PASS
Lead (Pb)	PASS	PASS	PASS	PASS
Chromium (Cr)	PASS	PASS	PASS	PASS
Mercury (Hg)	PASS	PASS	PASS	PASS
Accepted Range	75 ~ 125	75 ~ 125	85 ~ 115	0 ~ 20

ANALYST: D

FINAL REVIEWER: ZL

Enviro-Chem, Inc.

1214 E. Lexington Avenue, Pomona, CA 91766

Tel (909) 590-5905

Fax (909) 590-5907

QA/QC Report for Chromium, Hexavalent (Cr⁶⁺)

Analysis Method: EPA 218.6

Analysis Date: 7/17/2009Matrix Type: WaterConc. Unit: µg/L**Matrix Spike (MS)/Matrix Spike Duplicate (MSD)**

Spike Sample ID:	090715-151	
Sample Result	0.75	
Spike Conc.	5.00	
MS	4.99	
%MS	85%	Pass
MSD	5.07	
%MSD	86%	Pass
%RPD	2%	Pass
ACP %MS	75~125%	
ACP %RPD	0~20%	

LCS STD Recovery

Spike Conc.	5.00	
LCS	5.34	
%LCS	107%	Pass
ACP %LCS	85~115%	

Analyzed/Reviewed by 2-1Final Reviewed by 2u

LABORATORY REPORT

CUSTOMER: Environmental Audit, Inc.
1000 Ortega Way, Suite A
Placentia, CA 92670-7125
(714) 632-8521 Fax (714) 632-6754

PROJECT: 1576 / Burke Street

MATRIX: WATER

DATE SAMPLED: 07/14/09

REPORT TO: MR. BRENT MECHAM

DATE RECEIVED: 07/15/09

DATE ANALYZED: 07/15/09

DATE REPORTED: 07/22/09

SAMPLE I.D.: MW-3

LAB I.D.: 090715-151

ANALYSIS: VOLATILE ORGANICS, EPA METHOD 5030B/8260B, PAGE 1 OF 2

UNIT: ug/L = MICROGRAM PER LITER = PPB

PARAMETER	SAMPLE RESULT	PQL X1
ACETONE	ND	10
BENZENE	ND	1
BROMOBENZENE	ND	1
BROMOCHLOROMETHANE	ND	1
BROMODICHLOROMETHANE	ND	1
BROMOFORM	ND	1
BROMOMETHANE	ND	1
2-BUTANONE (MEK)	ND	10
N-BUTYLBENZENE	ND	1
SEC-BUTYLBENZENE	ND	1
TERT-BUTYLBENZENE	ND	1
CARBON DISULFIDE	ND	5
CARBON TETRACHLORIDE	17.0	1
CHLOROBENZENE	ND	1
CHLOROETHANE	ND	1
CHLOROFORM	36.1	1
CHLOROMETHANE	ND	1
2-CHLOROTOLUENE	ND	1
4-CHLOROTOLUENE	ND	1
DIBROMOCHLOROMETHANE	ND	1
1,2-DIBROMO-3-CHLOROPROPANE	ND	1
1,2-DIBROMOETHANE	ND	1
DIBROMOMETHANE	ND	1
1,2-DICHLOROBENZENE	ND	1
1,3-DICHLOROBENZENE	ND	1
1,4-DICHLOROBENZENE	ND	1
DICHLORODIFLUOROMETHANE	ND	1
1,1-DICHLOROETHANE	ND	1
1,2-DICHLOROETHANE	ND	1
1,1-DICHLOROETHENE	ND	1
CIS-1,2-DICHLOROETHENE	ND	1
TRANS-1,2-DICHLOROETHENE	ND	1
1,2-DICHLOROPROPANE	ND	1
1,3-DICHLOROPROPANE	ND	1

----- TO BE CONTINUED ON PAGE #2 -----

DATA REVIEWED AND APPROVED BY: _____

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LABORATORY REPORT

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(714) 632-8521 Fax (714) 632-6754

PROJECT: 1576 / Burke Street

MATRIX: WATERDATE RECEIVED: 07/15/09DATE SAMPLED: 07/14/09DATE ANALYZED: 07/15/09REPORT TO: MR. BRENT MECHAMDATE REPORTED: 07/22/09SAMPLE I.D.: MW-3LAB I.D.: 090715-151

ANALYSIS: VOLATILE ORGANICS, EPA METHOD 5030B/8260B, PAGE 2 OF 2
UNIT: ug/L = MICROGRAM PER LITER = PPB

PARAMETER	SAMPLE RESULT	PQL X1
2,2-DICHLOROPROPANE	ND	1
1,1-DICHLOROPROPENE	ND	1
CIS-1,3-DICHLOROPROPENE	ND	1
TRANS-1,3-DICHLOROPROPENE	ND	1
ETHYLBENZENE	ND	1
2-HEXANONE	ND	10
HEXACHLOROBUTADIENE	ND	1
ISOPROPYLBENZENE	ND	1
4-ISOPROPYLTOLUENE	ND	1
4-METHYL-2-PENTANONE (MIBK)	ND	10
METHYL tert-BUTYL ETHER (MTBE)	ND	3
METHYLENE CHLORIDE	ND	5
NAPHTHALENE	ND	1
N-PROPYLBENZENE	ND	1
STYRENE	ND	1
1,1,1,2-TETRACHLOROETHANE	ND	1
1,1,2,2-TETRACHLOROETHANE	ND	1
TETRACHLOROETHENE (PCE)	25.4	1
TOLUENE	ND	1
1,2,3-TRICHLOROBENZENE	ND	1
1,2,4-TRICHLOROBENZENE	ND	1
1,1,1-TRICHLOROETHANE	ND	1
1,1,2-TRICHLOROETHANE	ND	1
TRICHLOROETHENE (TCE)	4.16	1
TRICHLOROFLUOROMETHANE	ND	1
1,2,3-TRICHLOROPROPANE	ND	1
1,2,4-TRIMETHYLBENZENE	ND	1
1,3,5-TRIMETHYLBENZENE	ND	1
VINYL CHLORIDE	ND	1
M/P-XYLENE	ND	2
O-XYLENE	ND	1

COMMENTS PQL = PRACTICAL QUANTITATION LIMIT

ND = NON-DETECTED OR BELOW THE PQL

DATA REVIEWED AND APPROVED BY:

CAL-DHS CERTIFICATE # 1555

Enviro - Chem, Inc.

1214 E. Lexington Avenue, Pomona, CA 91766 Tel (909) 590-5905 Fax (909) 590-5907

LABORATORY REPORT

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1000 Ortega Way, Suite A
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PROJECT: 1576 / Burke Street

MATRIX: WATER

DATE RECEIVED: 07/15/09

DATE SAMPLED: 07/14/09

DATE ANALYZED: 07/15/09

REPORT TO: MR. BRENT MECHAM

DATE REPORTED: 07/22/09

SAMPLE I.D.: MW-4

LAB I.D.: 090715-152

ANALYSIS: VOLATILE ORGANICS, EPA METHOD 5030B/8260B, PAGE 1 OF 2

UNIT: ug/L = MICROGRAM PER LITER = PPB

PARAMETER	SAMPLE RESULT	PQL X1
ACETONE	ND	10
BENZENE	ND	1
BROMOBENZENE	ND	1
BROMOCHLOROMETHANE	ND	1
BROMODICHLOROMETHANE	ND	1
BROMOFORM	ND	1
BROMOMETHANE	ND	1
2-BUTANONE (MEK)	ND	10
N-BUTYLBENZENE	ND	1
SEC-BUTYLBENZENE	ND	1
TERT-BUTYLBENZENE	ND	1
CARBON DISULFIDE	ND	5
CARBON TETRACHLORIDE	1.34	1
CHLOROBENZENE	ND	1
CHLOROETHANE	ND	1
CHLOROFORM	4.11	1
CHLOROMETHANE	ND	1
2-CHLOROTOLUENE	ND	1
4-CHLOROTOLUENE	ND	1
DIBROMOCHLOROMETHANE	ND	1
1,2-DIBROMO-3-CHLOROPROPANE	ND	1
1,2-DIBROMOETHANE	ND	1
DIBROMOMETHANE	ND	1
1,2-DICHLOROBENZENE	ND	1
1,3-DICHLOROBENZENE	ND	1
1,4-DICHLOROBENZENE	ND	1
DICHLORODIFLUOROMETHANE	ND	1
1,1-DICHLOROETHANE	ND	1
1,2-DICHLOROETHANE	ND	1
1,1-DICHLOROETHENE	ND	1
CIS-1,2-DICHLOROETHENE	1.52	1
TRANS-1,2-DICHLOROETHENE	1.22	1
1,2-DICHLOROPROPANE	ND	1
1,3-DICHLOROPROPANE	ND	1

----- TO BE CONTINUED ON PAGE #2 -----

DATA REVIEWED AND APPROVED BY: ~

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LABORATORY REPORT

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PROJECT: 1576 / Burke Street

MATRIX: WATERDATE RECEIVED: 07/15/09DATE SAMPLED: 07/14/09DATE ANALYZED: 07/15/09REPORT TO: MR. BRENT MECHAMDATE REPORTED: 07/22/09SAMPLE I.D.: MW-4

LAB I.D.: 090715-152

ANALYSIS: VOLATILE ORGANICS, EPA METHOD 5030B/8260B, PAGE 2 OF 2
UNIT: ug/L = MICROGRAM PER LITER = PPB

PARAMETER	SAMPLE RESULT	PQL X1
2,2-DICHLOROPROPANE	ND	1
1,1-DICHLOROPROPENE	ND	1
CIS-1,3-DICHLOROPROPENE	ND	1
TRANS-1,3-DICHLOROPROPENE	ND	1
ETHYLBENZENE	ND	1
2-HEXANONE	ND	10
HEXACHLOROBUTADIENE	ND	1
ISOPROPYLBENZENE	ND	1
4-ISOPROPYLTOLUENE	ND	1
4-METHYL-2-PENTANONE (MIBK)	ND	10
METHYL tert-BUTYL ETHER (MTBE)	ND	3
METHYLENE CHLORIDE	ND	5
NAPHTHALENE	ND	1
N-PROPYLBENZENE	ND	1
STYRENE	ND	1
1,1,1,2-TETRACHLOROETHANE	ND	1
1,1,2,2-TETRACHLOROETHANE	ND	1
TETRACHLOROETHENE (PCE)	11.4	1
TOLUENE	ND	1
1,2,3-TRICHLOROBENZENE	ND	1
1,2,4-TRICHLOROBENZENE	ND	1
1,1,1-TRICHLOROETHANE	ND	1
1,1,2-TRICHLOROETHANE	ND	1
TRICHLOROETHENE (TCE)	6.05	1
TRICHLOROFLUOROMETHANE	ND	1
1,2,3-TRICHLOROPROPANE	ND	1
1,2,4-TRIMETHYLBENZENE	ND	1
1,3,5-TRIMETHYLBENZENE	ND	1
VINYL CHLORIDE	ND	1
M/P-XYLENE	ND	2
O-XYLENE	ND	1

COMMENTS PQL = PRACTICAL QUANTITATION LIMIT

ND = NON-DETECTED OR BELOW THE PQL

DATA REVIEWED AND APPROVED BY:

CAL-DHS CERTIFICATE # 1555

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PROJECT: 1576 / Burke Street

MATRIX: WATERDATE SAMPLED: 07/14/09REPORT TO: MR. BRENT MECHAMDATE RECEIVED: 07/15/09DATE ANALYZED: 07/15/09DATE REPORTED: 07/22/09

SAMPLE I.D.: MW-2

LAB I.D.: 090715-153

ANALYSIS: VOLATILE ORGANICS, EPA METHOD 5030B/8260B, PAGE 1 OF 2

UNIT: ug/L = MICROGRAM PER LITER = PPB

PARAMETER	SAMPLE RESULT	PQL X1
ACETONE	ND	10
BENZENE	ND	1
BROMOBENZENE	ND	1
BROMOCHLOROMETHANE	ND	1
BROMODICHLOROMETHANE	ND	1
BROMOFORM	ND	1
BROMOMETHANE	ND	1
2-BUTANONE (MEK)	ND	10
N-BUTYLBENZENE	ND	1
SEC-BUTYLBENZENE	ND	1
TERT-BUTYLBENZENE	ND	1
CARBON DISULFIDE	ND	5
CARBON TETRACHLORIDE	ND	1
CHLOROBENZENE	ND	1
CHLOROETHANE	ND	1
CHLOROFORM	ND	1
CHLOROMETHANE	ND	1
2-CHLOROTOLUENE	ND	1
4-CHLOROTOLUENE	ND	1
DIBROMOCHLOROMETHANE	ND	1
1,2-DIBROMO-3-CHLOROPROPANE	ND	1
1,2-DIBROMOETHANE	ND	1
DIBROMOMETHANE	ND	1
1,2-DICHLOROBENZENE	ND	1
1,3-DICHLOROBENZENE	ND	1
1,4-DICHLOROBENZENE	ND	1
DICHLORODIFLUOROMETHANE	ND	1
1,1-DICHLOROETHANE	ND	1
1,2-DICHLOROETHANE	ND	1
1,1-DICHLOROETHENE	ND	1
CIS-1,2-DICHLOROETHENE	ND	1
TRANS-1,2-DICHLOROETHENE	ND	1
1,2-DICHLOROPROPANE	ND	1
1,3-DICHLOROPROPANE	ND	1

----- TO BE CONTINUED ON PAGE #2 -----

DATA REVIEWED AND APPROVED BY: _____

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PROJECT: 1576 / Burke Street

MATRIX: WATER

DATE SAMPLED: 07/14/09

REPORT TO: MR. BRENT MECHAM

DATE RECEIVED: 07/15/09

DATE ANALYZED: 07/15/09

DATE REPORTED: 07/22/09

SAMPLE I.D.: MW-2

LAB I.D.: 090715-153

ANALYSIS: VOLATILE ORGANICS, EPA METHOD 5030B/8260B, PAGE 2 OF 2

UNIT: ug/L = MICROGRAM PER LITER = PPB

PARAMETER	SAMPLE RESULT	PQL X1
2,2-DICHLOROPROPANE	ND	1
1,1-DICHLOROPROPENE	ND	1
CIS-1,3-DICHLOROPROPENE	ND	1
TRANS-1,3-DICHLOROPROPENE	ND	1
ETHYLBENZENE	ND	1
2-HEXANONE	ND	10
HEXACHLOROBUTADIENE	ND	1
ISOPROPYLBENZENE	ND	1
4-ISOPROPYLTOLUENE	ND	1
4-METHYL-2-PENTANONE (MIBK)	ND	10
METHYL tert-BUTYL ETHER (MTBE)	ND	3
METHYLENE CHLORIDE	ND	5
NAPHTHALENE	ND	1
N-PROPYLBENZENE	ND	1
STYRENE	ND	1
1,1,1,2-TETRACHLOROETHANE	ND	1
1,1,2,2-TETRACHLOROETHANE	ND	1
TETRACHLOROETHENE (PCE)	8.92	1
TOLUENE	ND	1
1,2,3-TRICHLOROBENZENE	ND	1
1,2,4-TRICHLOROBENZENE	ND	1
1,1,1-TRICHLOROETHANE	ND	1
1,1,2-TRICHLOROETHANE	ND	1
TRICHLOROETHENE (TCE)	ND	1
TRICHLOROFLUOROMETHANE	ND	1
1,2,3-TRICHLOROPROPANE	ND	1
1,2,4-TRIMETHYLBENZENE	ND	1
1,3,5-TRIMETHYLBENZENE	ND	1
VINYL CHLORIDE	ND	1
M/P-XYLENE	ND	2
O-XYLENE	ND	1

COMMENTS PQL = PRACTICAL QUANTITATION LIMIT

ND = NON-DETECTED OR BELOW THE PQL

DATA REVIEWED AND APPROVED BY:

CAL-DHS CERTIFICATE # 1555



Enviro - Chem, Inc.

1214 E. Lexington Avenue, Pomona, CA 91766 Tel (909) 590-5905 Fax (909) 590-5907

METHOD BLANK REPORT

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(714) 632-8521 Fax (714) 632-6754

PROJECT: 1576 / Burke Street

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DATE RECEIVED: 07/15/09

DATE ANALYZED: 07/15/09

DATE REPORTED: 07/22/09

METHOD BLANK FOR LAB I.D.: 090715-151, -152, -153

ANALYSIS: VOLATILE ORGANICS, EPA METHOD 5030B/8260B, PAGE 1 OF 2

UNIT: ug/L = MICROGRAM PER LITER = PPB

PARAMETER	SAMPLE RESULT	PQL X1
ACETONE	ND	10
BENZENE	ND	1
BROMOBENZENE	ND	1
BROMOCHLOROMETHANE	ND	1
BROMODICHLOROMETHANE	ND	1
BROMOFORM	ND	1
BROMOMETHANE	ND	1
2-BUTANONE (MEK)	ND	10
N-BUTYLBENZENE	ND	1
SEC-BUTYLBENZENE	ND	1
TERT-BUTYLBENZENE	ND	1
CARBON DISULFIDE	ND	5
CARBON TETRACHLORIDE	ND	1
CHLOROBENZENE	ND	1
CHLOROETHANE	ND	1
CHLOROFORM	ND	1
CHLOROMETHANE	ND	1
2-CHLOROTOLUENE	ND	1
4-CHLOROTOLUENE	ND	1
DIBROMOCHLOROMETHANE	ND	1
1,2-DIBROMO-3-CHLOROPROPANE	ND	1
1,2-DIBROMOETHANE	ND	1
DIBROMOMETHANE	ND	1
1,2-DICHLOROBENZENE	ND	1
1,3-DICHLOROBENZENE	ND	1
1,4-DICHLOROBENZENE	ND	1
DICHLORODIFLUOROMETHANE	ND	1
1,1-DICHLOROETHANE	ND	1
1,2-DICHLOROETHANE	ND	1
1,1-DICHLOROETHENE	ND	1
CIS-1,2-DICHLOROETHENE	ND	1
TRANS-1,2-DICHLOROETHENE	ND	1
1,2-DICHLOROPROPANE	ND	1
1,3-DICHLOROPROPANE	ND	1

----- TO BE CONTINUED ON PAGE #2 -----

DATA REVIEWED AND APPROVED BY: 71

Enviro - Chem, Inc.

1214 E. Lexington Avenue, Pomona, CA 91766 Tel (909) 590-5905 Fax (909) 590-5907

METHOD BLANK REPORT

CUSTOMER: Environmental Audit, Inc.
1000 Ortega Way, Suite A
Placentia, CA 92670-7125
(714) 632-8521 Fax (714) 632-6754

PROJECT: 1576 / Burke Street


MATRIX: WATERDATE RECEIVED: 07/15/09DATE SAMPLED: 07/14/09DATE ANALYZED: 07/15/09REPORT TO: MR. BRENT MECHAMDATE REPORTED: 07/22/09-----
METHOD BLANK FOR LAB I.D.: 090715-151, -152, -153

ANALYSIS: VOLATILE ORGANICS, EPA METHOD 5030B/8260B, PAGE 2 OF 2
UNIT: ug/L = MICROGRAM PER LITER = PPB

PARAMETER	SAMPLE RESULT	PQL X1
2,2-DICHLOROPROPANE	ND	1
1,1-DICHLOROPROPENE	ND	1
CIS-1,3-DICHLOROPROPENE	ND	1
TRANS-1,3-DICHLOROPROPENE	ND	1
ETHYLBENZENE	ND	1
2-HEXANONE	ND	10
HEXACHLOROBUTADIENE	ND	1
ISOPROPYLBENZENE	ND	1
4-ISOPROPYLTOLUENE	ND	1
4-METHYL-2-PENTANONE (MIBK)	ND	10
METHYL tert-BUTYL ETHER (MTBE)	ND	3
METHYLENE CHLORIDE	ND	5
NAPHTHALENE	ND	1
N-PROPYLBENZENE	ND	1
STYRENE	ND	1
1,1,1,2-TETRACHLOROETHANE	ND	1
1,1,2,2-TETRACHLOROETHANE	ND	1
TETRACHLOROETHENE (PCE)	ND	1
TOLUENE	ND	1
1,2,3-TRICHLOROBENZENE	ND	1
1,2,4-TRICHLOROBENZENE	ND	1
1,1,1-TRICHLOROETHANE	ND	1
1,1,2-TRICHLOROETHANE	ND	1
TRICHLOROETHENE (TCE)	ND	1
TRICHLOROFLUOROMETHANE	ND	1
1,2,3-TRICHLOROPROPANE	ND	1
1,2,4-TRIMETHYLBENZENE	ND	1
1,3,5-TRIMETHYLBENZENE	ND	1
VINYL CHLORIDE	ND	1
M/P-XYLENE	ND	2
O-XYLENE	ND	1

COMMENTS PQL = PRACTICAL QUANTITATION LIMIT

ND = NON-DETECTED OR BELOW THE PQL

DATA REVIEWED AND APPROVED BY: 

CAL-DHS CERTIFICATE # 1555 _____

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LABORATORY REPORT

CUSTOMER: Environmental Audit, Inc.
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(714) 632-8521 Fax (714) 632-6754

PROJECT: 1576 / Burke Street

MATRIX: WATER

DATE SAMPLED: 07/14/09

REPORT TO: MR. BRENT MECHAM

DATE RECEIVED: 07/15/09

DATE ANALYZED: 07/15/09

DATE REPORTED: 07/22/09

EPA 5030B/8260B FOR FUEL OXYGENATES
UNITS: ug/L = MICROGRAM PER LITER = PPB

SAMPLE I.D.	LAB I.D.	ETBE	DIPE	MTBE	TAME	TBA	DF
MW-3	090715-151	ND	ND	ND	ND	ND	1
MW-4	090715-152	ND	ND	ND	ND	ND	1
MW-2	090715-153	ND	ND	ND	ND	ND	1
METHOD BLANK		ND	ND	ND	ND	ND	1
PQL		5	5	3	5	50	

COMMENTS:

DF = DILUTION FACTOR

PQL = PRACTICAL QUANTITATION LIMIT

ACTUAL DETECTION LIMIT = DF X PQL

ND = NON-DETECTED OR BELOW THE ACTUAL DETECTION LIMIT

ETBE = ETHYL tert-BUTYL ETHER

DIPE = ISOPROPYL ETHER

MTBE = METHYL tert-BUTYL ETHER

TAME = TERT-AMYL METHYL ETHER

TBA = TERTIARY BUTYL ALCOHOL

Data Reviewed and Approved by: ZC

CAL-DHS ELAP CERTIFICATE No.: 1555

Enviro-Chem, Inc.

1214 E. Lexington Avenue, Pomona, CA 91766

Tel (909)590-5905

Fax (909)590-5907

8260B QA/QC Report

Date Analyzed 7/16/2009

Machine: B

Matrix: Water

Unit: ug/L (PPB)

Matrix Spike (MS)/Matrix Spike Duplicate (MSD)

Spiked Sample Lab I.D.: 090715-170 MS/MSD

Analyte	S.R.	spk conc	MS	%RC	MSD	%RC	%RPD	ACP %RC	ACP RPD
Benzene	0	25.0	20.4	82%	20.4	82%	0%	75-125	0-20
Chlorobenzene	0	25.0	25.4	102%	24.4	98%	4%	75-125	0-20
1,1-Dichloroethene	0	25.0	22.7	91%	25.7	103%	12%	75-125	0-20
Toluene	0	25.0	20.9	84%	20.0	80%	4%	75-125	0-20
Trichloroethene (TCE)	0	25.0	19.5	78%	19.3	77%	1%	75-125	0-20

Lab Control Spike (LCS):

Analyte	spk conc	LCS	%RC	ACP %RC
Benzene	25.0	26.5	106%	75-125
Chlorobenzene	25.0	27.8	111%	75-125
Chloroform	25.0	25.8	103%	75-125
1,1-Dichloroethene	25.0	27.8	111%	75-125
Ethylbenzene	25.0	28.0	112%	75-125
o-Xylene	25.0	27.5	110%	75-125
m,p-Xylene	50.0	60.8	122%	75-125
Toluene	25.0	24.9	100%	75-125
1,1,1-Trichloroethane	25.0	27.3	109%	75-125
Trichloroethene (TCE)	25.0	22.8	91%	75-125

Surrogate Recovery	spk conc	ACP %RC	%RC	%RC	%RC	%RC	%RC	%RC	%RC
Sample I.D.			M-BLK	090716-284	090715-162	090715-163	090715-164	090715-165	090715-166
Dibromofluoromethane	25.0	70-130	119%	116%	94%	105%	112%	102%	101%
Toluene-d8	25.0	70-130	107%	105%	112%	98%	98%	102%	102%
4-Bromofluorobenzene	25.0	70-130	95%	96%	86%	100%	85%	91%	93%

Surrogate Recovery	spk conc	ACP %RC	%RC	%RC	%RC	%RC	%RC	%RC	%RC
Sample I.D.			090715-167	090715-168	090715-169	090715-151	090715-152	090715-153	
Dibromofluoromethane	25.0	70-130	94%	98%	115%	114%	92%	105%	
Toluene-d8	25.0	70-130	105%	106%	101%	108%	106%	109%	
4-Bromofluorobenzene	25.0	70-130	95%	95%	100%	94%	94%	94%	

Surrogate Recovery	spk conc	ACP %RC	%RC	%RC	%RC	%RC	%RC	%RC	%RC
Sample I.D.									
Dibromofluoromethane	25.0	70-130							
Toluene-d8	25.0	70-130							
4-Bromofluorobenzene	25.0	70-130							

* = Surrogate fail due to matrix interference; LCS, MS, MSD are in control therefore the analysis is in control.

S.R. = Sample Results

%RC = Percent Recovery

spk conc = Spike Concentration

ACP %RC = Accepted Percent Recovery

MS = Matrix Spike

MSD = Matrix Spike Duplicate

Analyzed/Reviewed By: SLH

Final Reviewer: rn